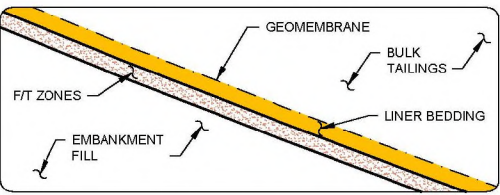
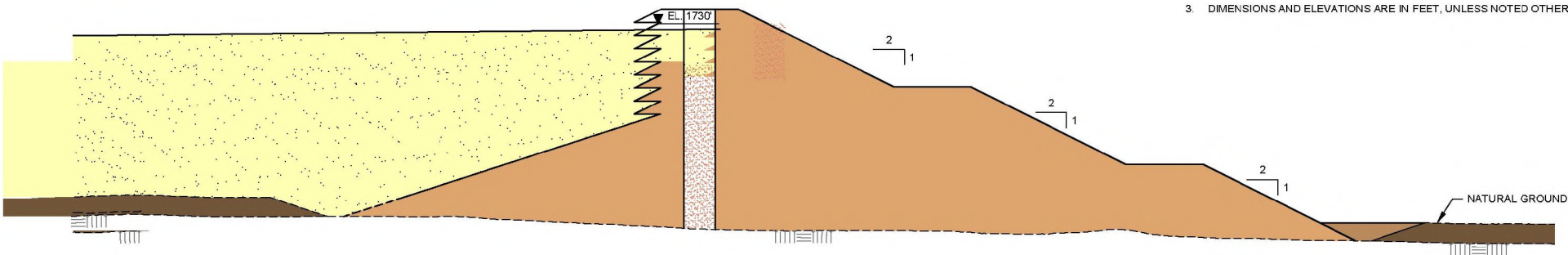


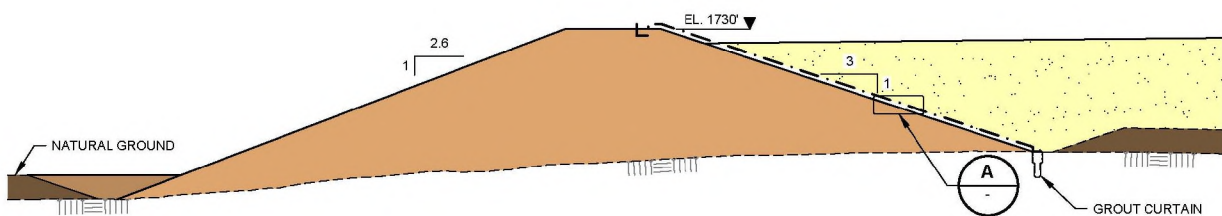
PLAN
BULK TAILINGS
STORAGE FACILITY
SCALE A



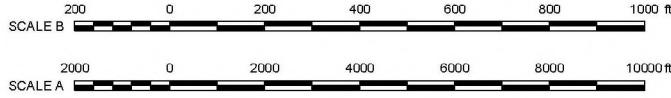
A
DETAIL
LINER
NTS



1
SECTION
BULK TSF MAIN EMBANKMENT
SCALE B



2
SECTION
BULK TSF SOUTH EMBANKMENT
SCALE B



LEGEND:

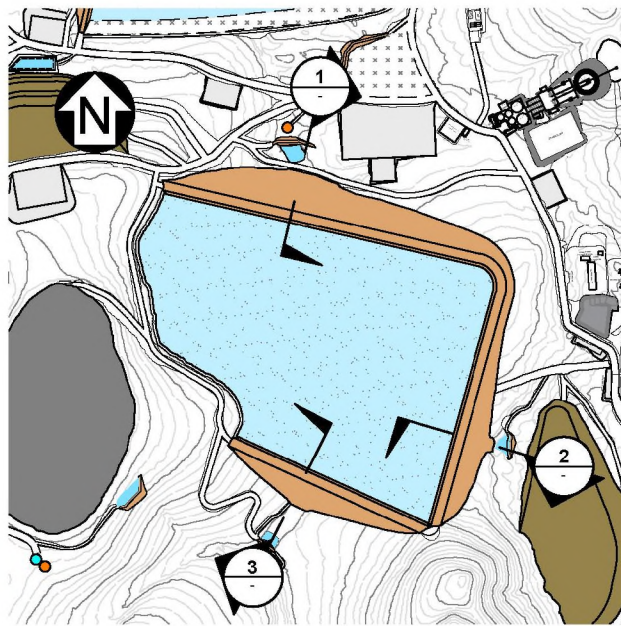
- BULK TAILINGS
- EMBANKMENT FILL
- FILTER / TRANSITION ZONES
- LINER BEDDING
- OVERBURDEN
- SUPERNATANT WATER POND
- TOE FILL
- GEOMEMBRANE
- BEDROCK
- WATER QUALITY MONITORING POINT
- GROUNDWATER QUALITY MONITORING AND POTENTIAL PUMP BACK AREA

NOTES:

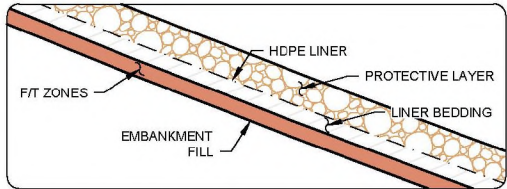
- COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANES: ZONE 5.
- CONTOUR INTERVAL IS 25 FEET.
- DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

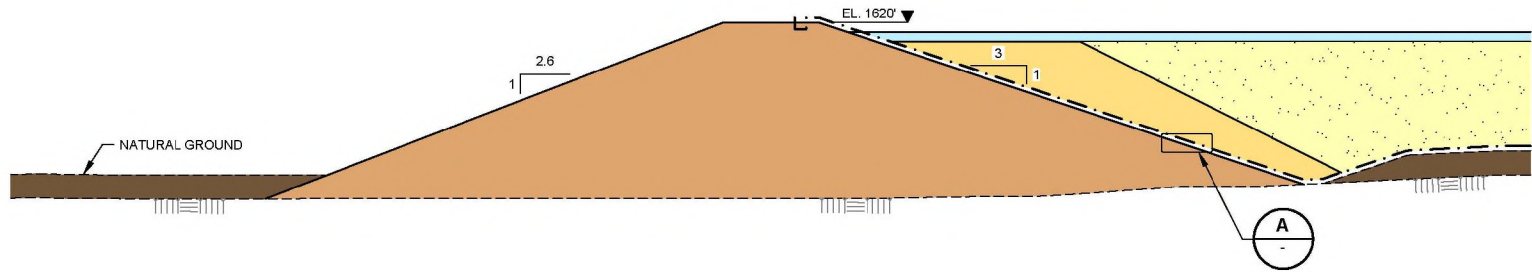
DRAWING TITLE:	
MAIN EMBANKMENT TYPICAL SECTIONS	
DATE: JUNE 2020	FIGURE NO. MX-001



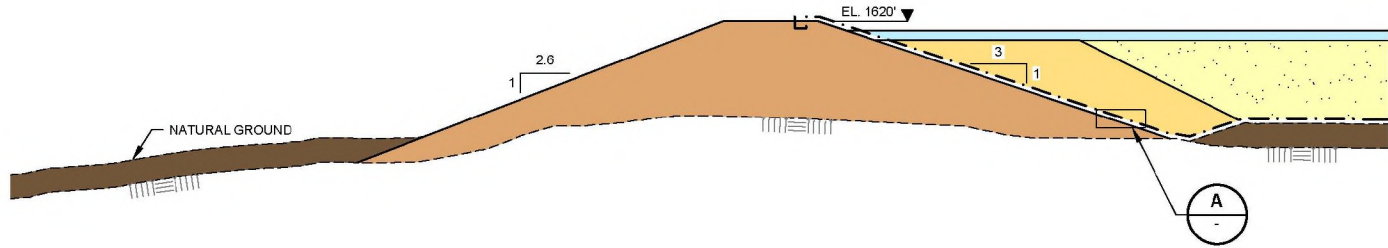
PLAN
PYRITIC TAILINGS AND WASTE ROCK
STORAGE FACILITY (PYRITIC TSF)
SCALE A



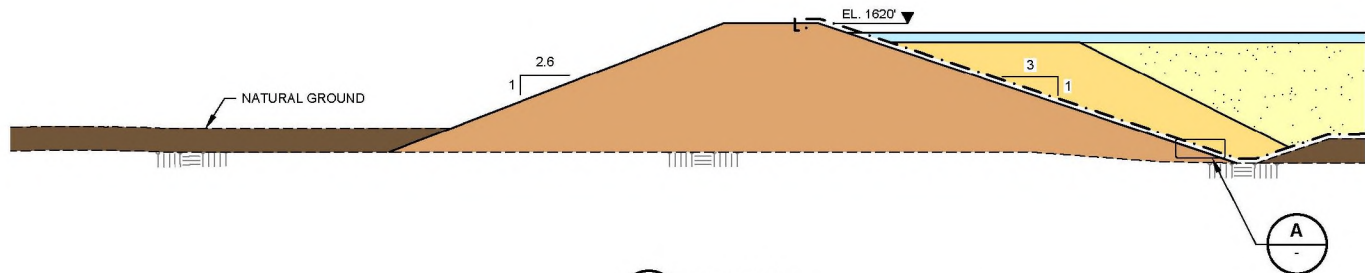
A **DETAIL**
LINER
NTS



1 **SECTION**
M-002 **PYRITIC TSF - NORTH EMBANKMENT**
SCALE B



2 **SECTION**
M-002 **PYRITIC TSF - EAST EMBANKMENT**
SCALE B



3 **SECTION**
M-002 **PYRITIC TSF - SOUTH EMBANKMENT**
SCALE B

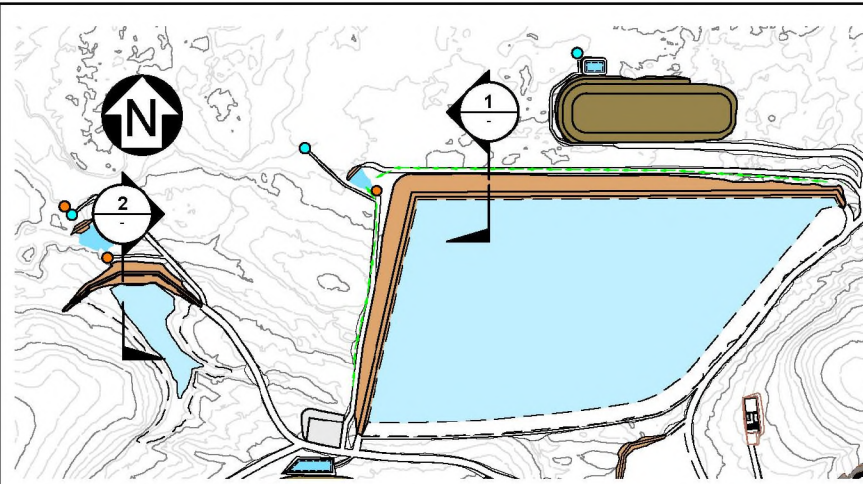
- LEGEND:**
- PYRITIC TAILINGS
 - WASTE ROCK
 - EMBANKMENT FILL
 - FILTER / TRANSITION ZONES
 - LINER BEDDING
 - PROTECTIVE LAYER
 - OVERBURDEN
 - POND
 - HDPE LINER
 - WATER QUALITY MONITORING POINT
 - GROUNDWATER QUALITY MONITORING AND POTENTIAL PUMP BACK AREA



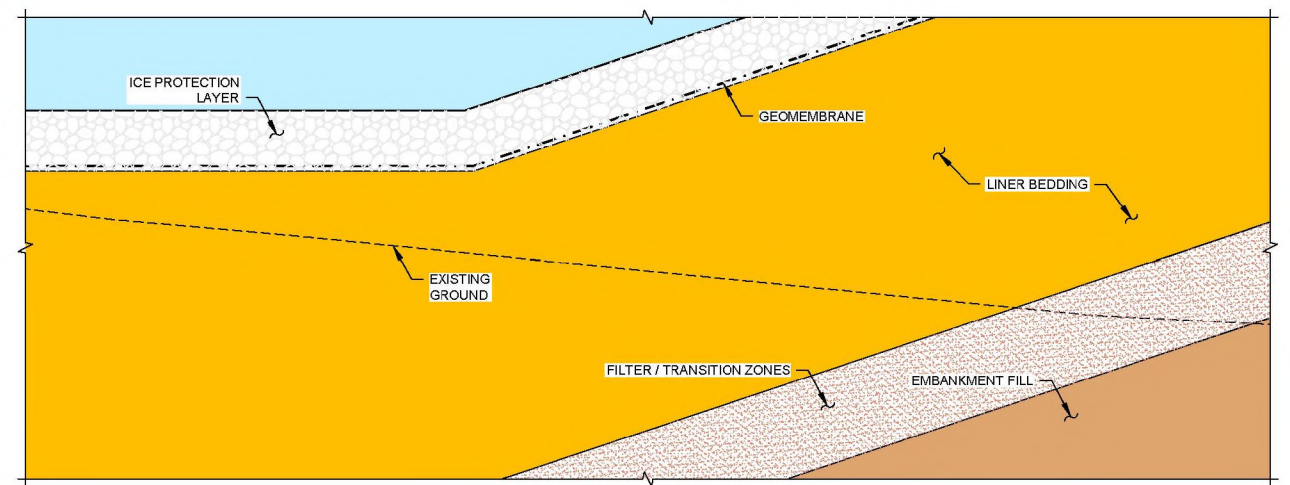
- NOTES:**
1. COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANES; ZONE 5.
 2. CONTOUR INTERVAL IS 25 FEET.
 3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

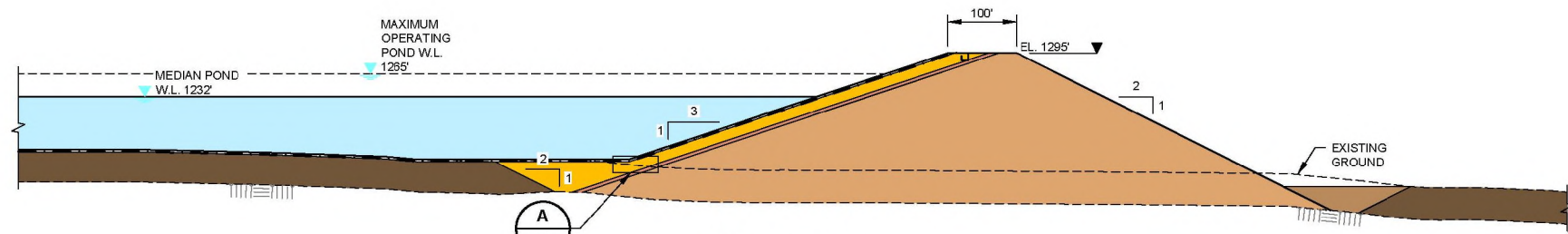
DRAWING TITLE:	
PYRITIC TAILINGS AND PAG WASTE ROCK STORAGE FACILITY SECTIONS	
DATE: JUNE 2020	FIGURE NO. MX-002



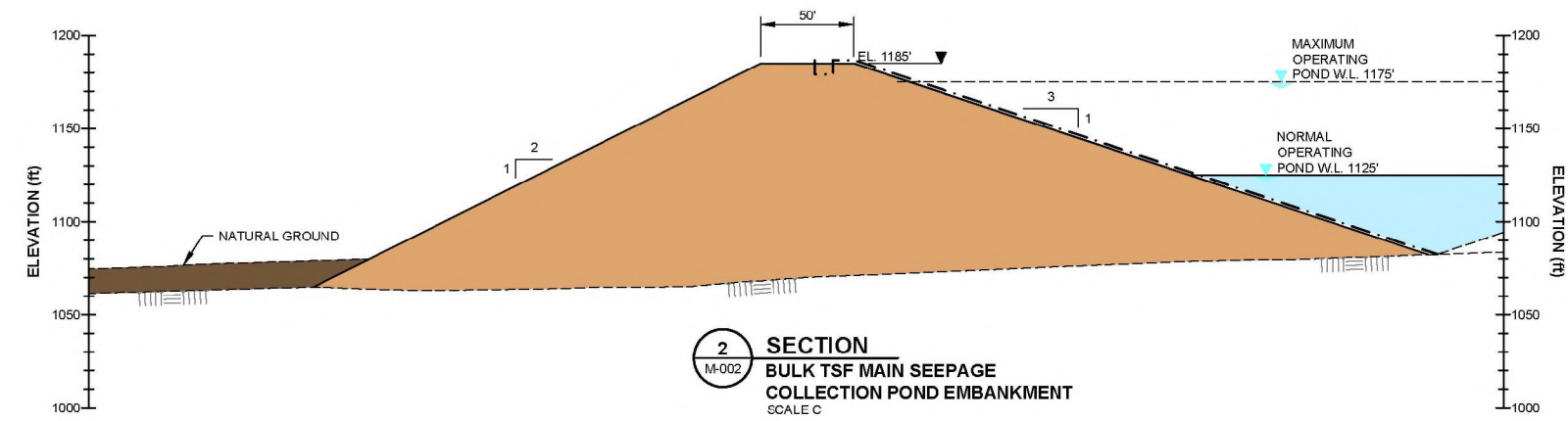
PLAN
MAIN WATER MANAGEMENT POND (MWMP) AND
BULK TSF MAIN SEEPAGE COLLECTION POND
SCALE A



A
DETAIL
LINER
NTS



1
M-002
SECTION
MAIN EMBANKMENT
SCALE B



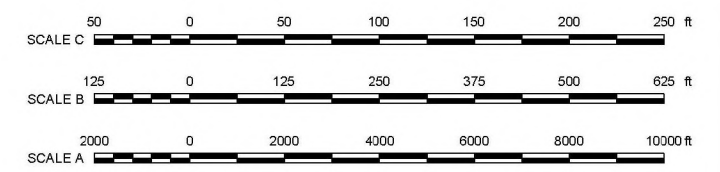
2
M-002
SECTION
**BULK TSF MAIN SEEPAGE
COLLECTION POND EMBANKMENT**
SCALE C

LEGEND:

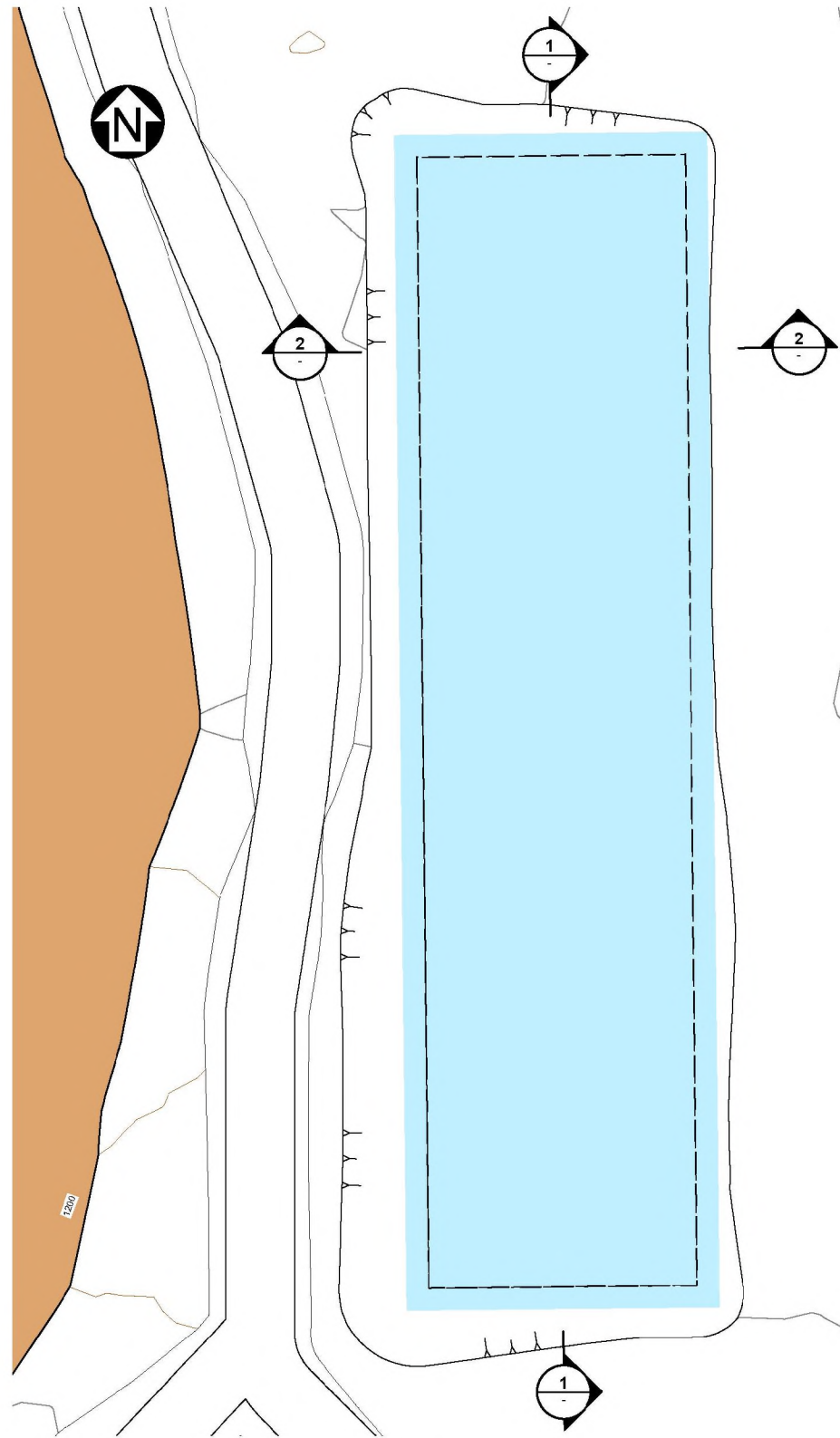
- EMBANKMENT FILL
- FILTER / TRANSITION ZONES
- LINER BEDDING
- OVERBURDEN
- SUPERNATANT WATER POND
- TOE FILL
- ICE PROTECTION LAYER
- GEOMEMBRANE
- BEDROCK
- WATER QUALITY MONITORING POINT
- GROUNDWATER QUALITY MONITORING AND POTENTIAL PUMP BACK AREA
- COLLECTION DITCH

NOTES:

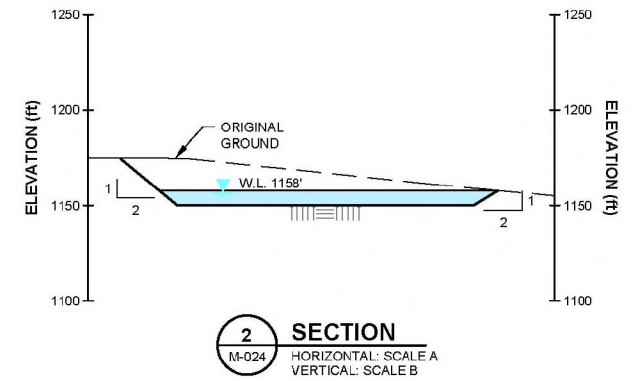
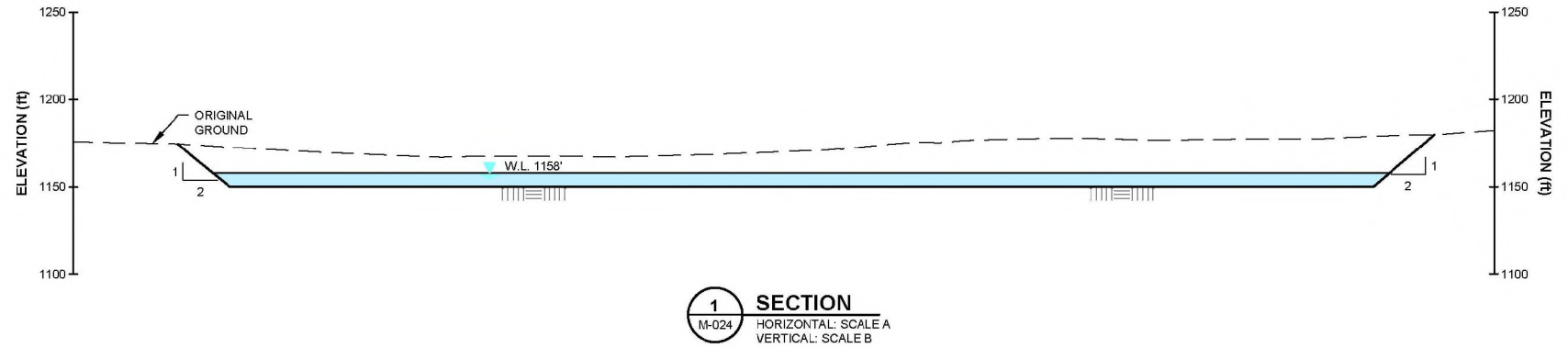
1. COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANES; ZONE 5.
2. CONTOUR INTERVAL IS 25 FEET.
3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
4. EMBANKMENT ZONES NOT SHOWN FOR WETLANDS APPLICATION.
5. LINER ICE PROTECTION AND BALLAST NOT SHOWN



PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		WATER MANAGEMENT STRUCTURES SECTIONS	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT		
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271	DATE: JUNE 2020	FIGURE NO. MX-003



PLAN
SCALE A



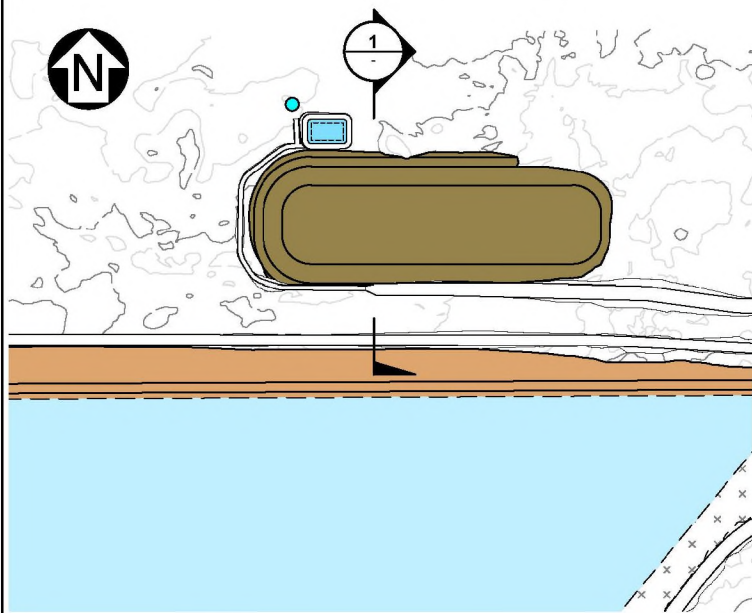
NOTES:

- COORDINATE GRID IS UTM NAD 83, ALASKA STATE PLANES ZONE 5.
- CONTOUR INTERVAL IS 10 FEET.
- DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

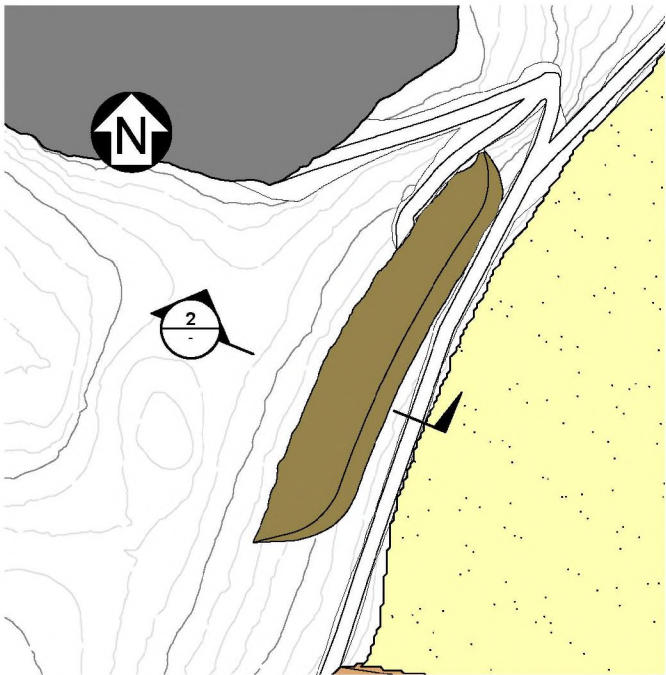


PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

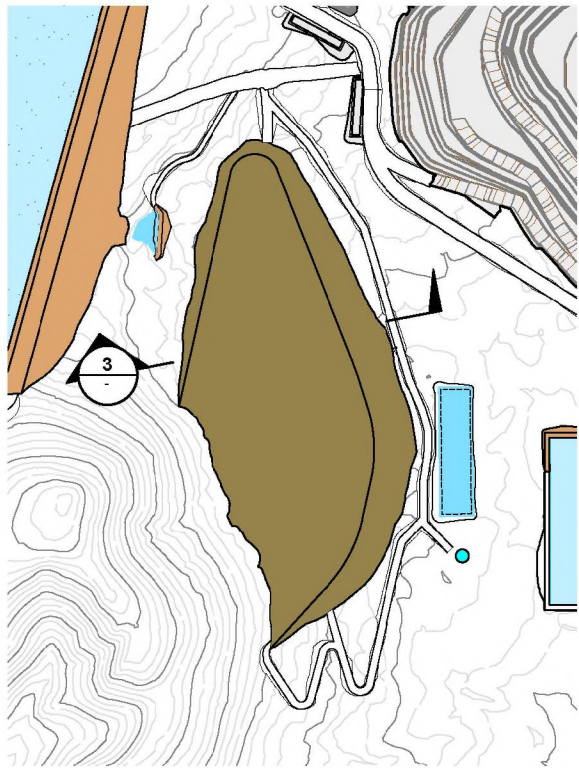
DRAWING TITLE: OPEN PIT OVERBURDEN STOCKPILE SEDIMENT POND PLAN AND SECTIONS	
DATE: JUNE 2020	FIGURE NO. MX-004



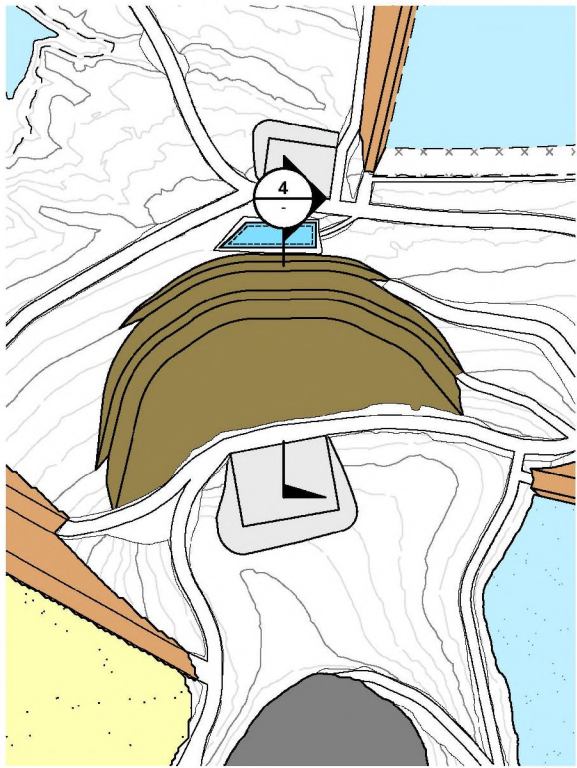
PLAN
OVERBURDEN AND GROWTH
MEDIUM STOCKPILE A
SCALE A



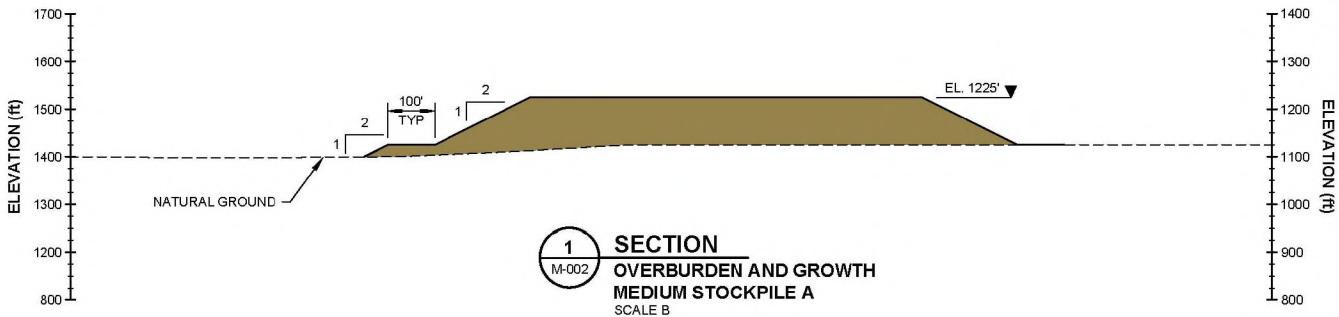
PLAN
OVERBURDEN AND GROWTH
MEDIUM STOCKPILE B
SCALE A



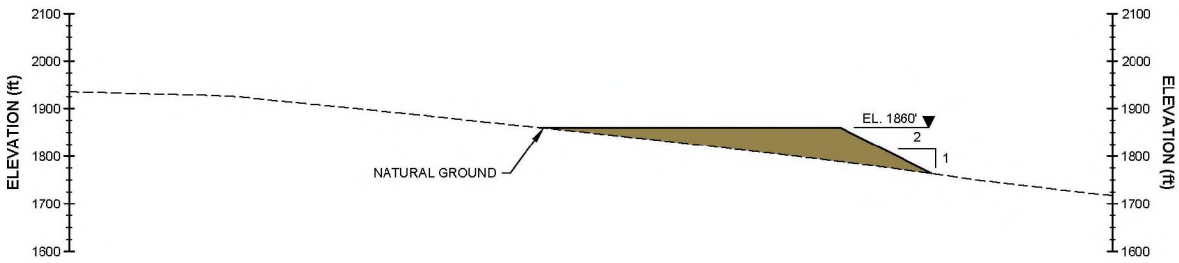
PLAN
OPEN PIT OVERBURDEN AND
GROWTH MEDIUM STOCKPILE
SCALE A



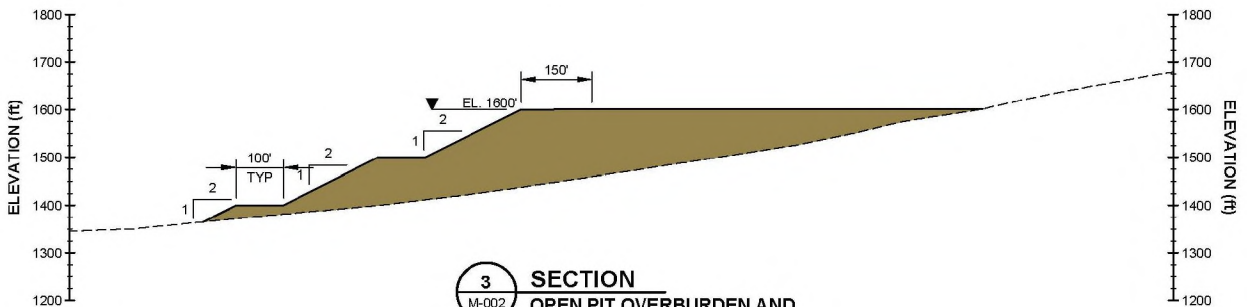
PLAN
TSF OVERBURDEN AND
GROWTH MEDIUM STOCKPILE
SCALE A



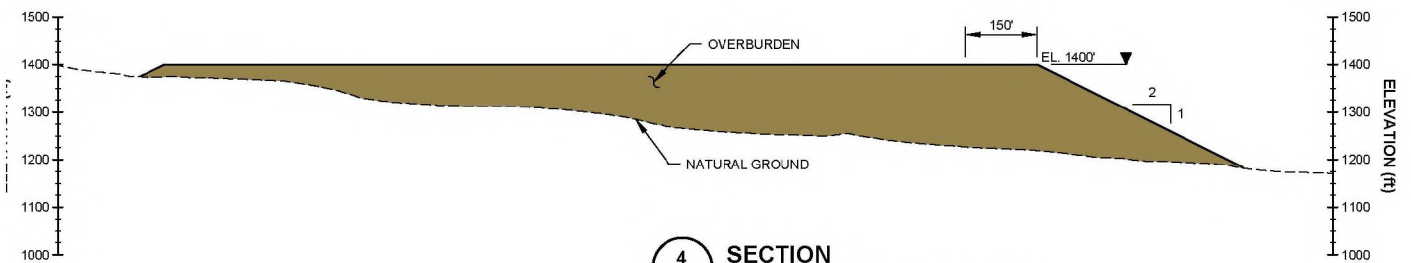
SECTION
OVERBURDEN AND GROWTH
MEDIUM STOCKPILE A
SCALE B



SECTION
OVERBURDEN AND GROWTH
MEDIUM STOCKPILE B
SCALE B



SECTION
OPEN PIT OVERBURDEN AND
GROWTH MEDIUM STOCKPILE
SCALE B



SECTION
TSF OVERBURDEN AND GROWTH
MEDIUM STOCKPILE
SCALE B

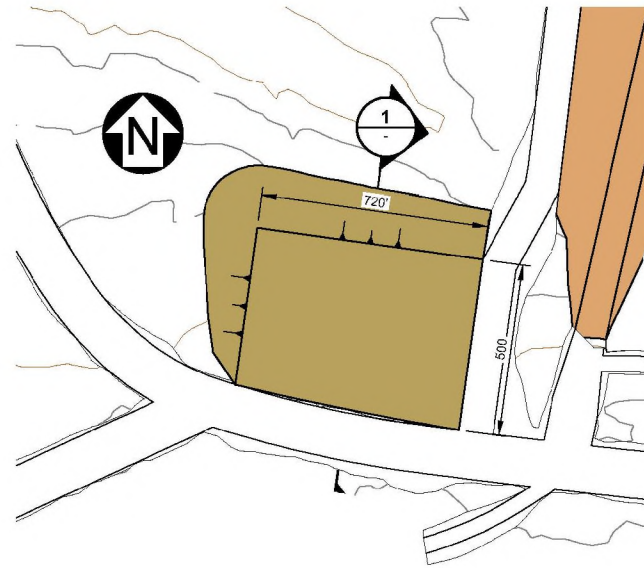
- LEGEND:**
- OVERBURDEN AND GROWTH MEDIUM STOCKPILE
 - WATER QUALITY MONITORING POINT

- NOTES:**
- COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANES; ZONE 5.
 - CONTOUR INTERVAL IS 25 FEET.
 - DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

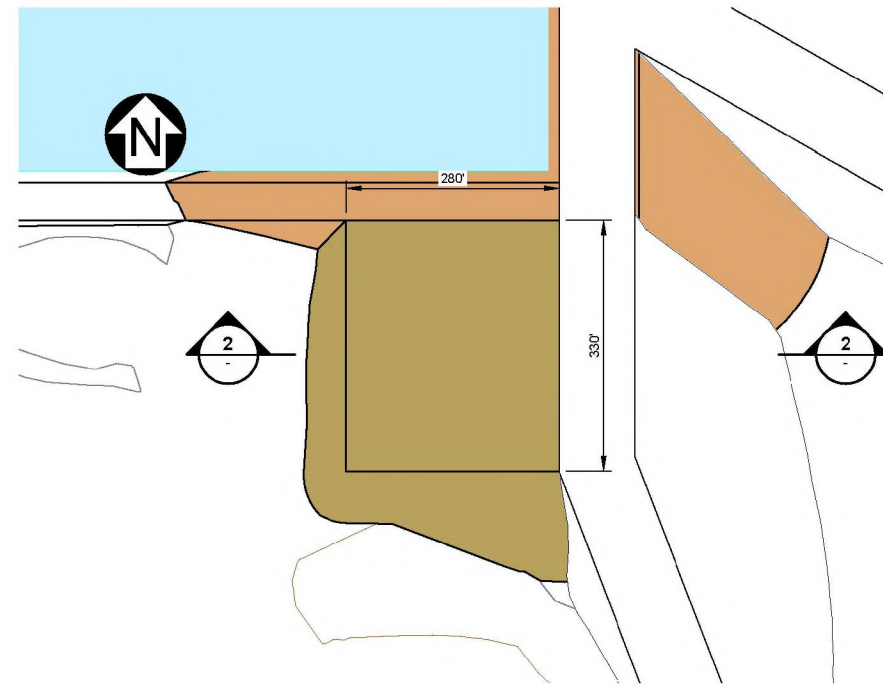


PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

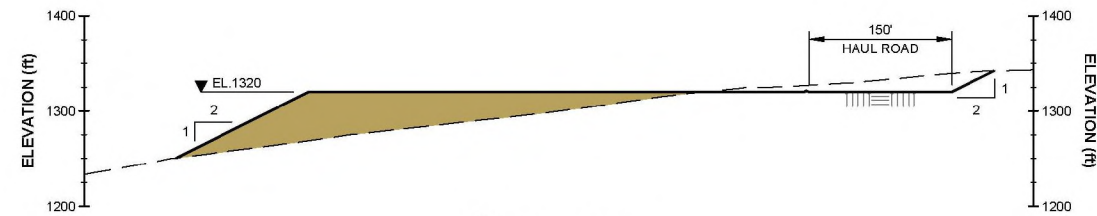
DRAWING TITLE:	
OVERBURDEN AND GROWTH MEDIUM STOCKPILES PLANS AND SECTIONS	
DATE: JUNE 2020	FIGURE NO. MX-005



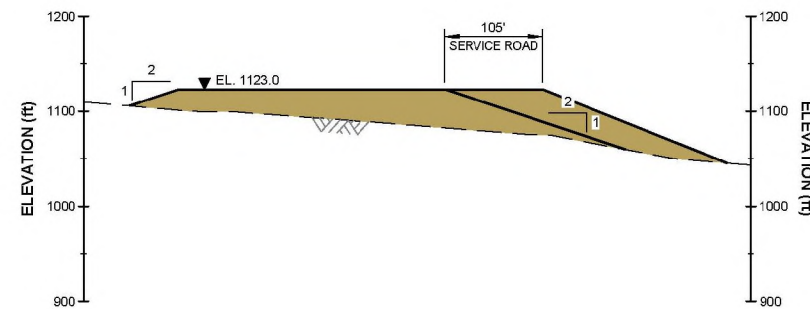
PLAN
WATER TREATMENT PLANT #2
SCALE A



PLAN
WATER TREATMENT PLANT #1
SCALE B



SECTION 1
M-009
SCALE C



SECTION 2
M-025
SCALE C

LEGEND:

- EMBANKMENT FILL
- SELECT FILL
- POND

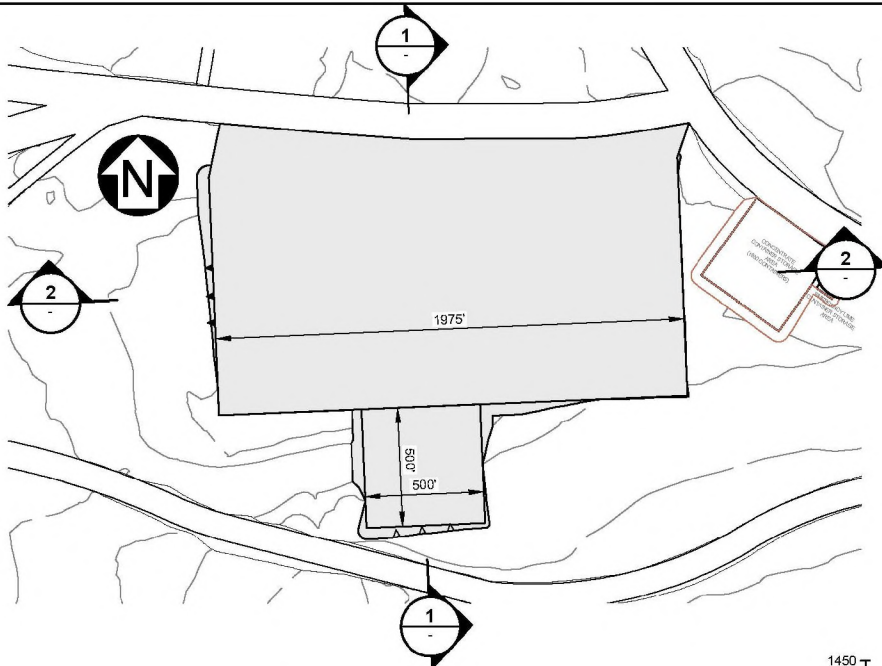
NOTES:

1. COORDINATE GRID IS UTM NAD 83, ALASKA STATE PLANES ZONE 5.
2. CONTOUR INTERVAL IS 25 FEET.
3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.



PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

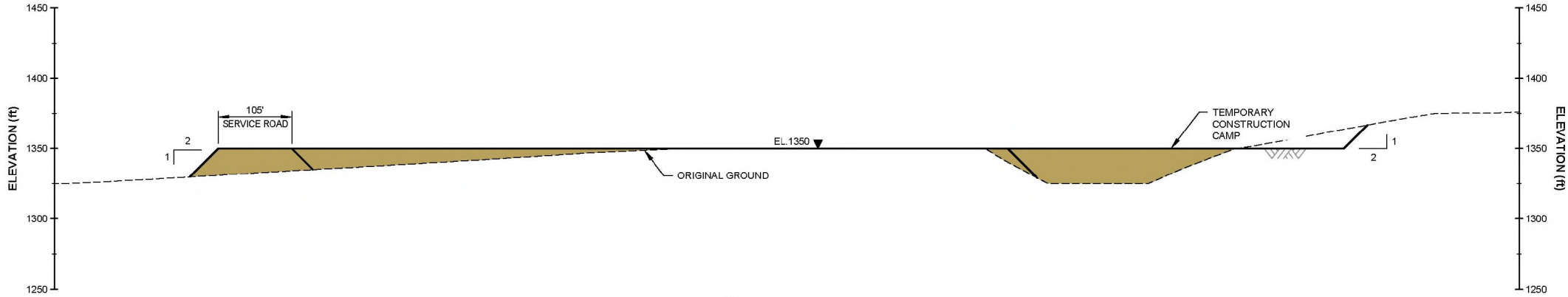
DRAWING TITLE:	
WATER TREATMENT PLANTS PLANS AND SECTIONS	
DATE: JUNE 2020	FIGURE NO. MX-006



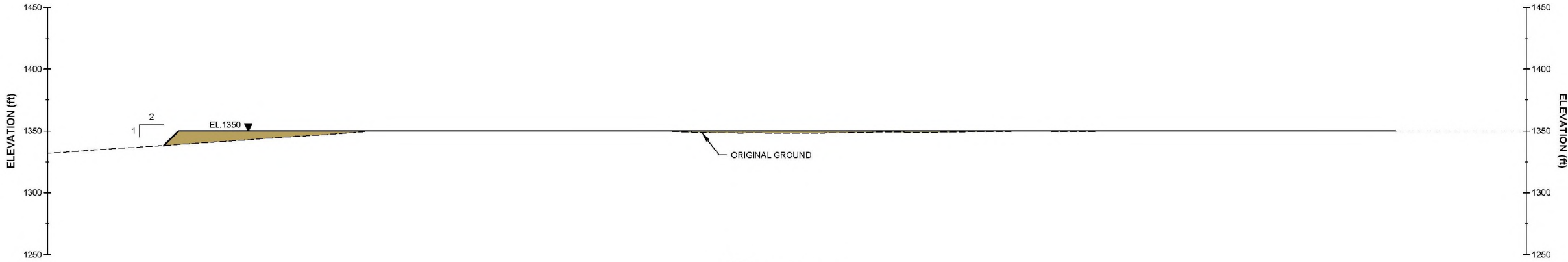
**PLANT SITE LAYDOWN
PLAN**
SCALE A

- NOTES:**
- COORDINATE GRID IS UTM NAD 83, ALASKA STATE PLANES ZONE 5.
 - CONTOUR INTERVAL IS 25 FEET.
 - DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

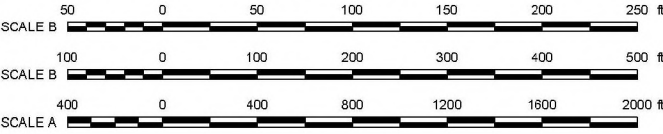
LEGEND:
SELECT FILL



1 SECTION
M-002 HORIZONTAL: SCALE B
VERTICAL: SCALE C

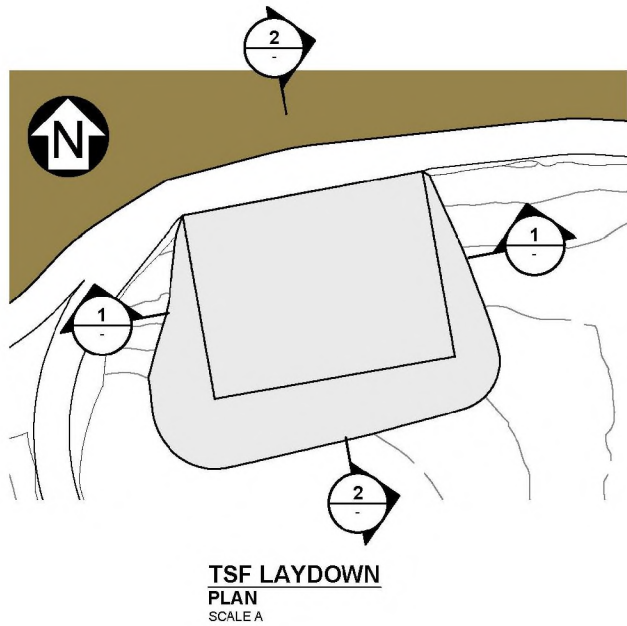


2 SECTION
M-002 HORIZONTAL: SCALE B
VERTICAL: SCALE C

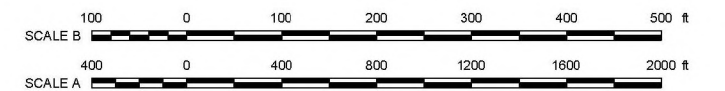
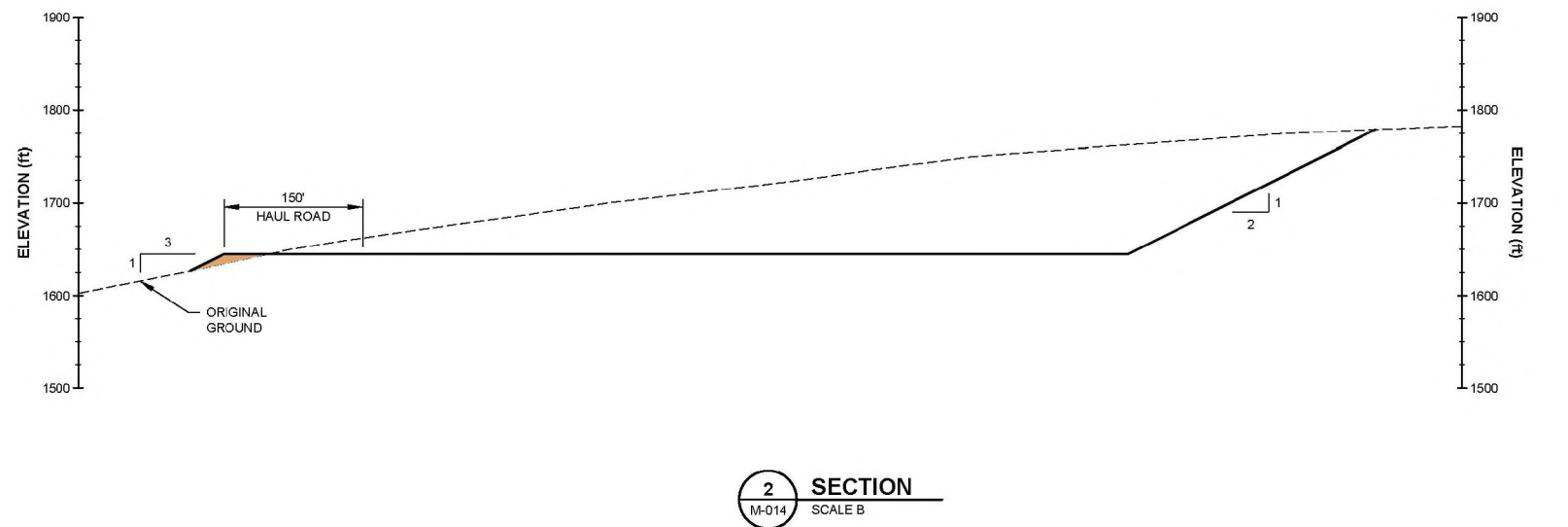
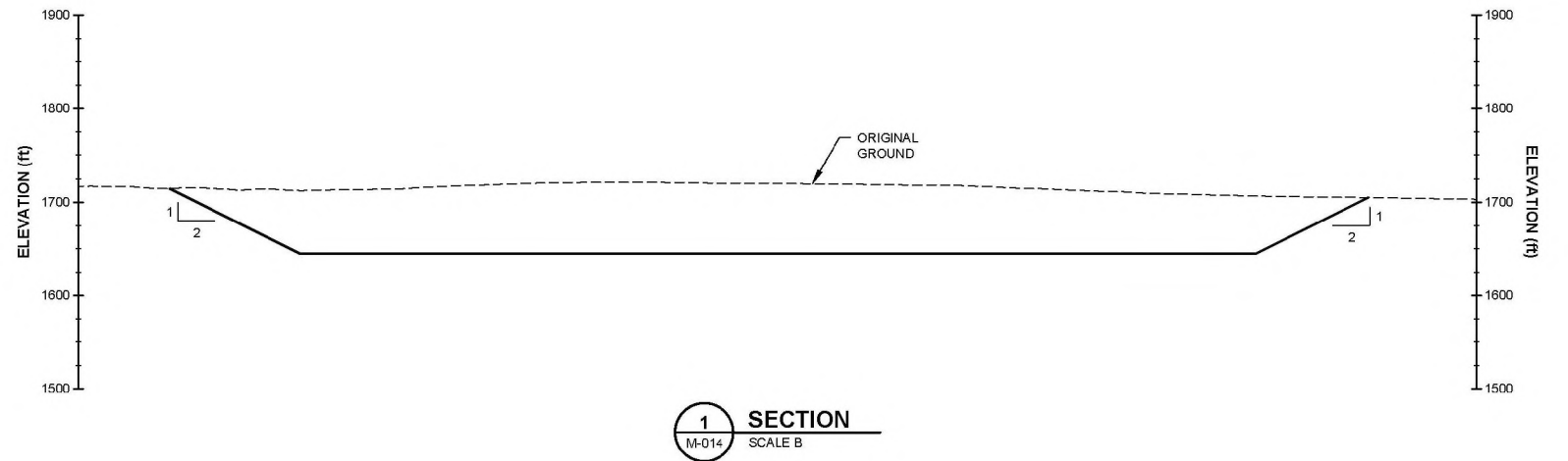


PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

DRAWING TITLE:	
MILL LAYDOWN PLAN AND SECTIONS	
DATE: JUNE 2020	FIGURE NO. MX-007

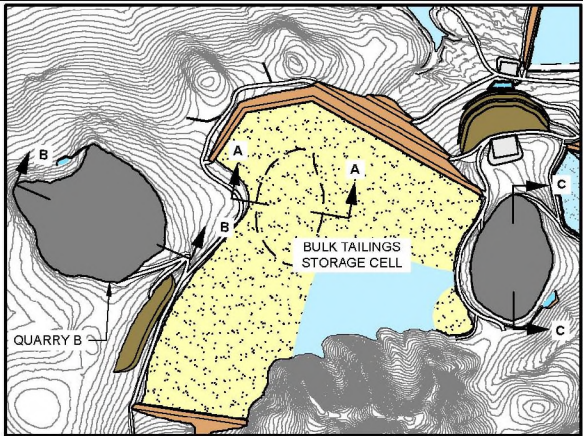


- NOTES:**
1. COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANES; ZONE 5.
 2. CONTOUR INTERVAL IS 25 FEET.
 3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

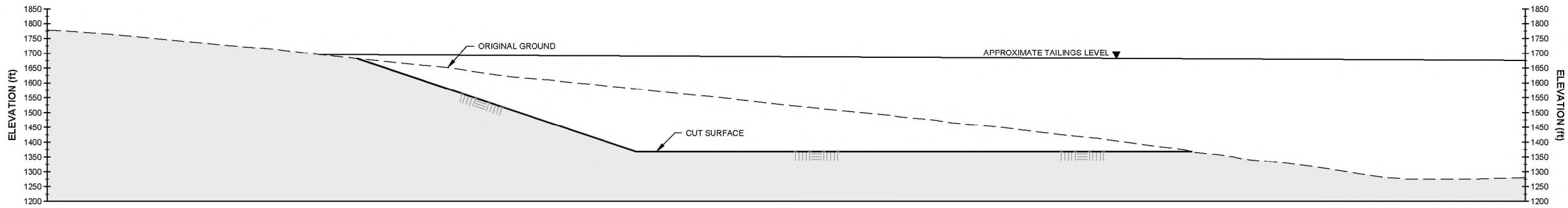


PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

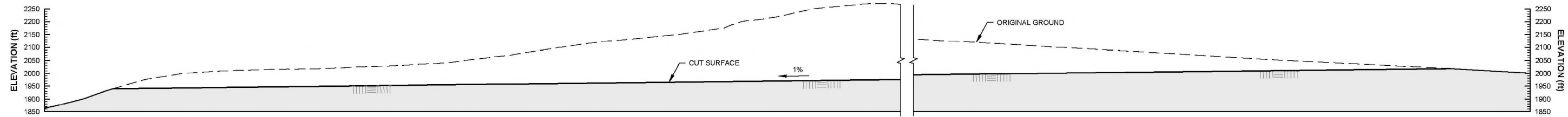
DRAWING TITLE:	
TAILINGS STORAGE FACILITY LAYDOWN PLAN AND SECTIONS	
DATE: JUNE 2020	FIGURE NO. MX-008



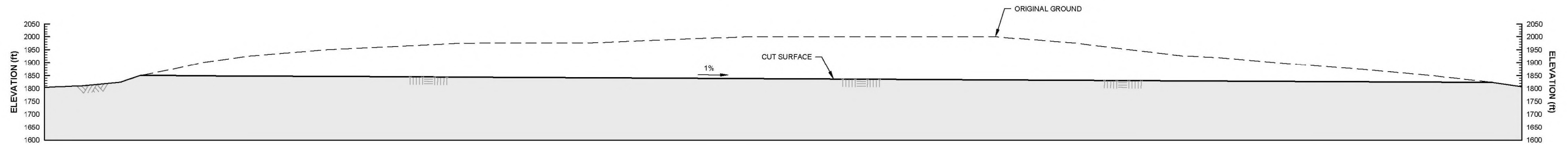
KEY PLAN
NTS



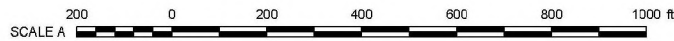
QUARRY A
SCALE A



QUARRY B
SCALE A



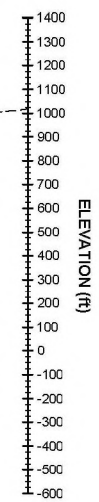
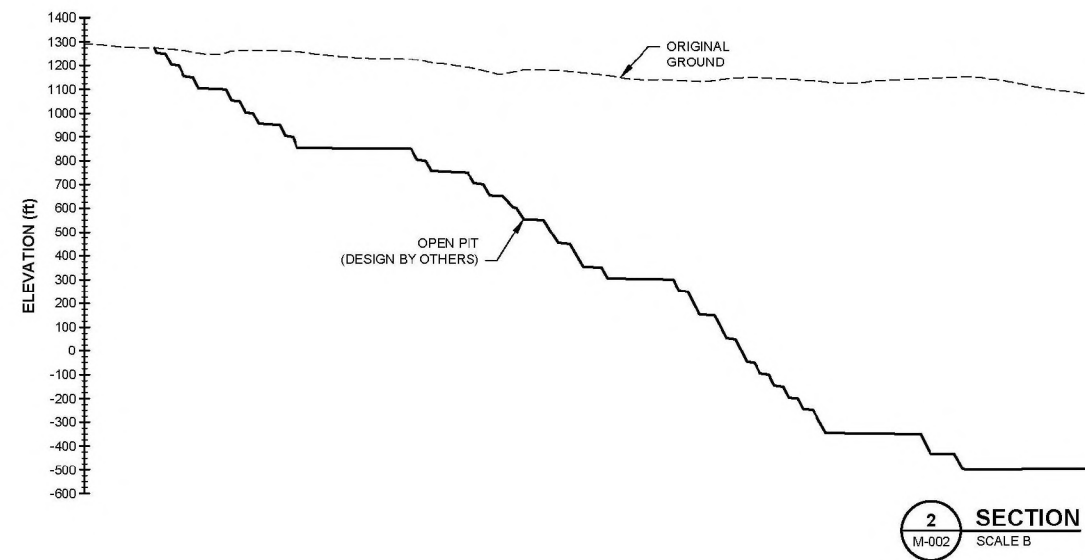
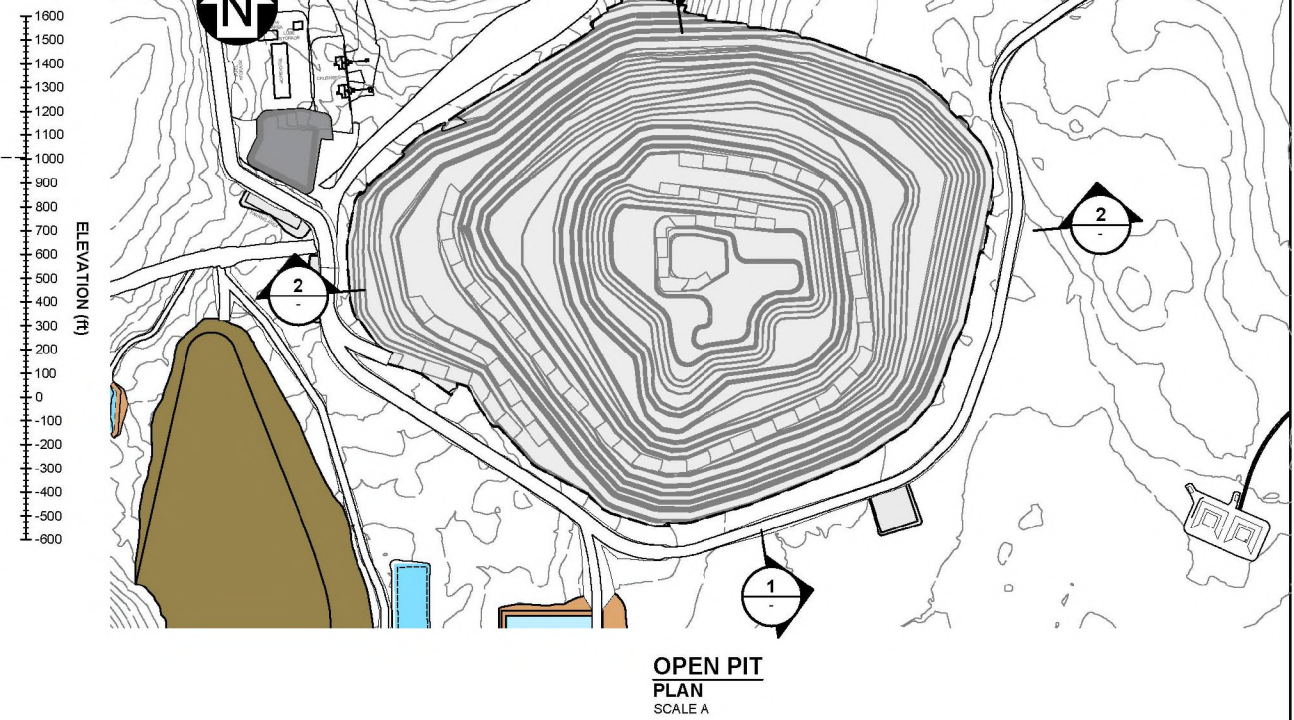
QUARRY C
SCALE A



- NOTES:**
1. COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANES; ZONE 5.
 2. CONTOUR INTERVAL IS 25 FEET.
 3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.

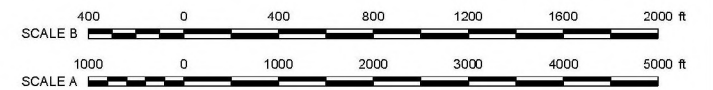
PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

DRAWING TITLE:	
QUARRY A, B, AND C TYPICAL SECTIONS	
DATE: JUNE 2020	FIGURE NO. MX-009

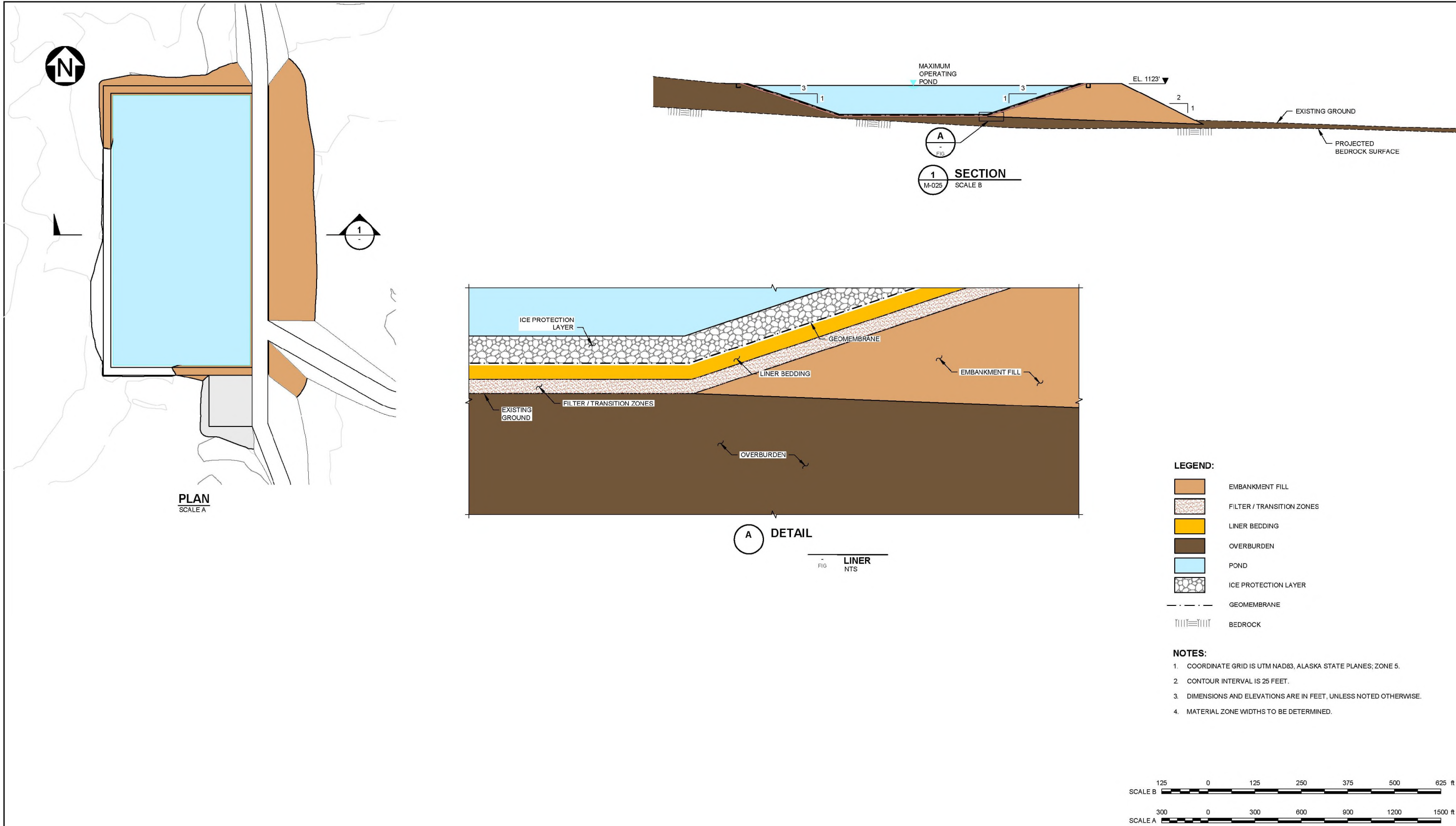


NOTES:

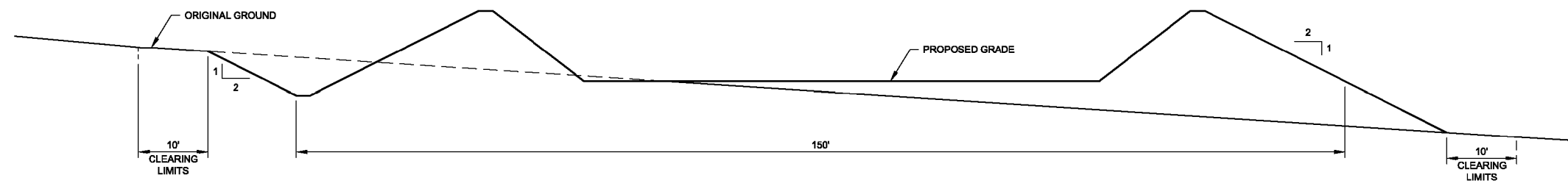
1. COORDINATE GRID IS UTM NAD 83, ALASKA STATE PLANES ZONE 5.
2. CONTOUR INTERVAL IS 25 FEET.
3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
4. OPEN PIT SURFACE PROVIDED BY TETRA TECH JUNE 2019.



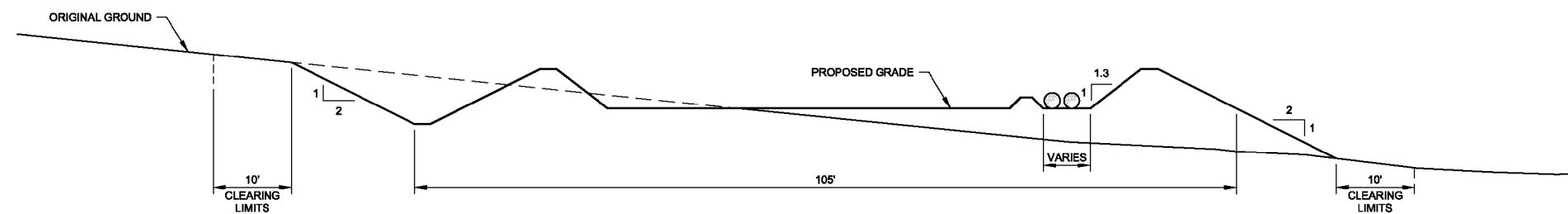
PEBBLE PROJECT		DRAWING TITLE:	
APPLICANT: PEBBLE LIMITED PARTNERSHIP		OPEN PIT SECTIONS	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT		
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271	DATE: JUNE 2020	FIGURE NO. MX-010



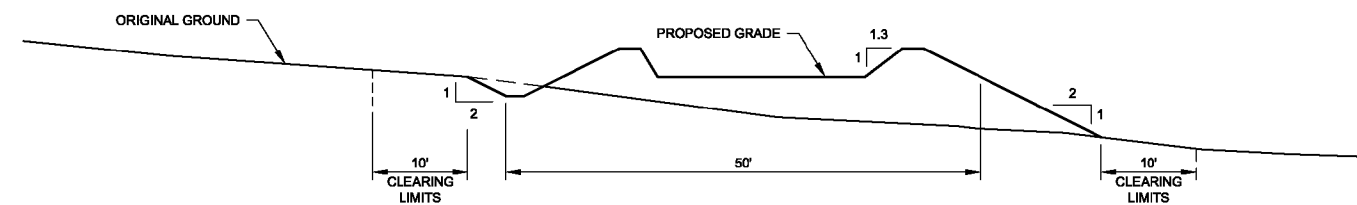
PEBBLE PROJECT APPLICANT: PEBBLE LIMITED PARTNERSHIP		DRAWING TITLE: OPEN PIT WATER MANAGEMENT POND TYPICAL SECTIONS	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT	DATE: JUNE 2020	FIGURE NO. MX-011
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271		



TYPICAL CROSS SECTION FOR HAUL ROADS



TYPICAL CROSS SECTION FOR SERVICE ROADS (WITH PIPELINES)

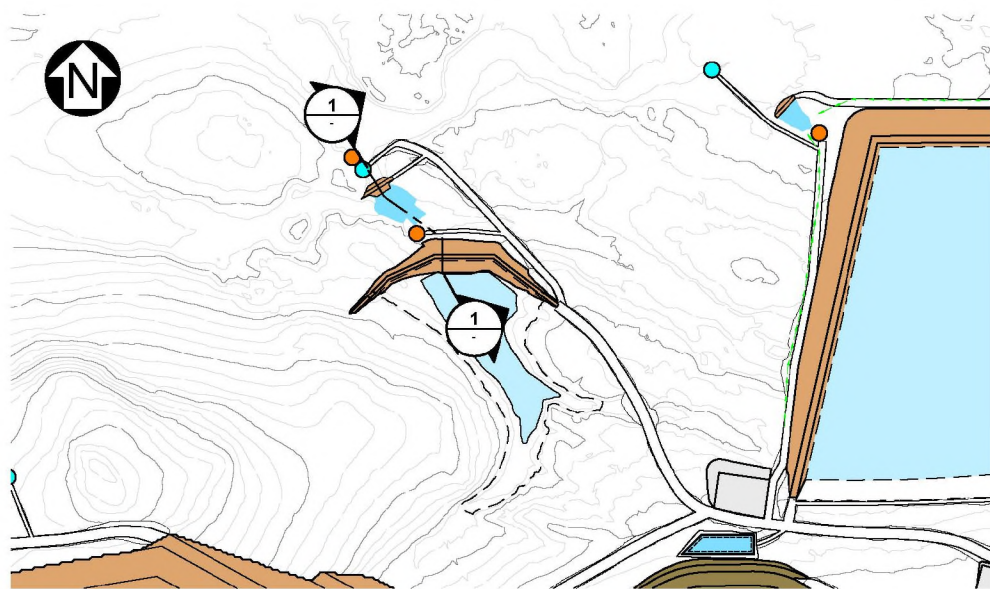


TYPICAL CROSS SECTION FOR ACCESS ROADS

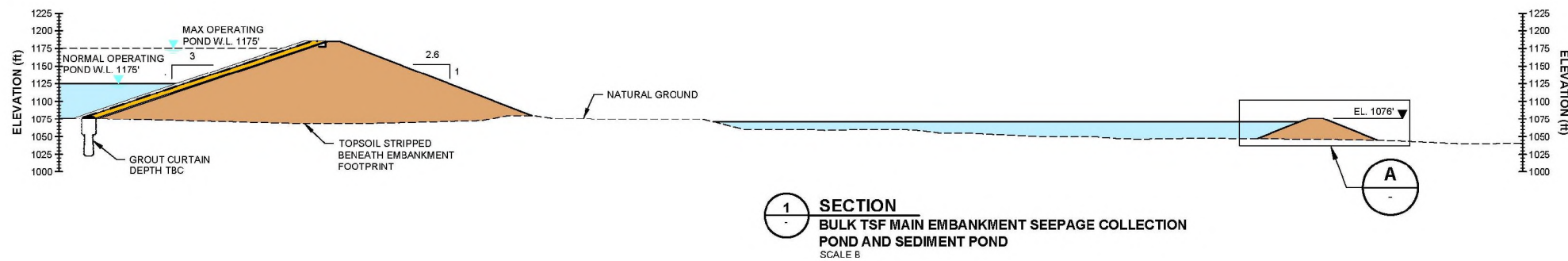
NOTES:

1. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
2. REPM AND DITCH SIZING TO BE BASED ON ROAD TRAFFIC REQUIREMENTS

PEBBLE PROJECT		DRAWING TITLE: HAUL, SERVICE, AND ACCESS ROADS TYPICAL SECTIONS	
APPLICANT: PEBBLE LIMITED PARTNERSHIP			
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT	DATE: JUNE 2020	
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271		
		FIGURE NO. MX-012	



PLAN
BULK TSF MAIN EMBANKMENT SEEPAGE
COLLECTION POND AND SEDIMENT POND
SCALE A



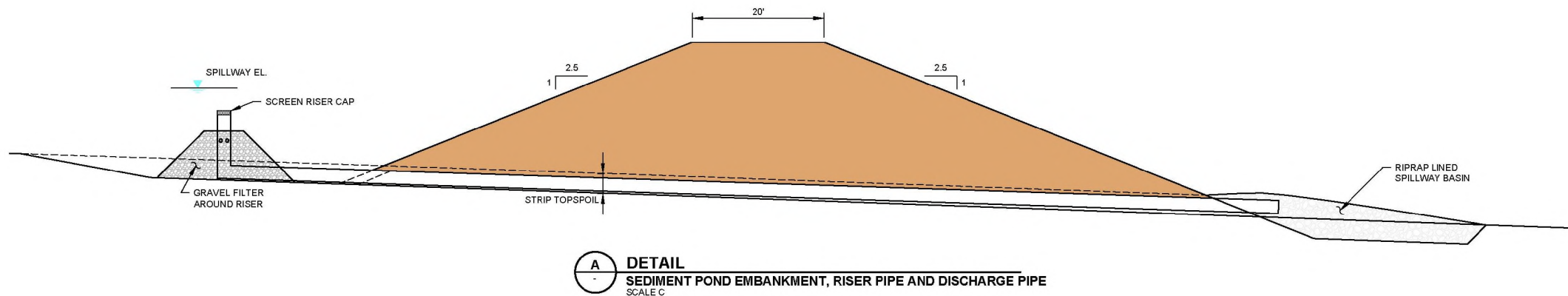
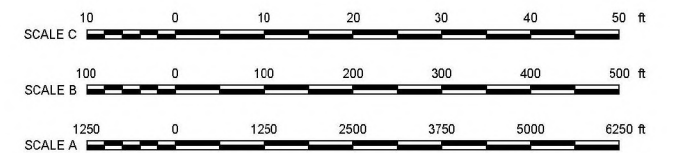
SECTION
BULK TSF MAIN EMBANKMENT SEEPAGE COLLECTION
POND AND SEDIMENT POND
SCALE B

LEGEND:

- EMBANKMENT FILL
- FILTER / TRANSITION ZONES
- LINER BEDDING
- OVERBURDEN
- POND
- RIPRAP
- GEOMEMBRANE
- WATER QUALITY MONITORING POINT
- GROUNDWATER QUALITY MONITORING AND POTENTIAL PUMP BACK AREA
- COLLECTION DITCH

NOTES:

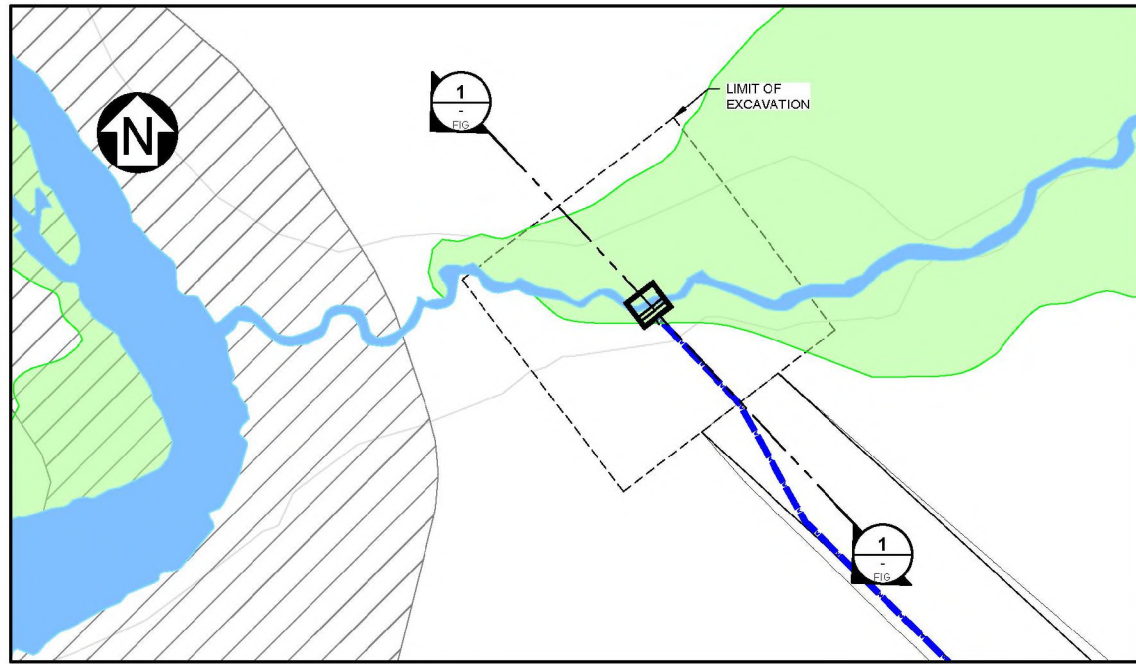
1. COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANES; ZONE 5.
2. CONTOUR INTERVAL IS 25 FEET.
3. DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.



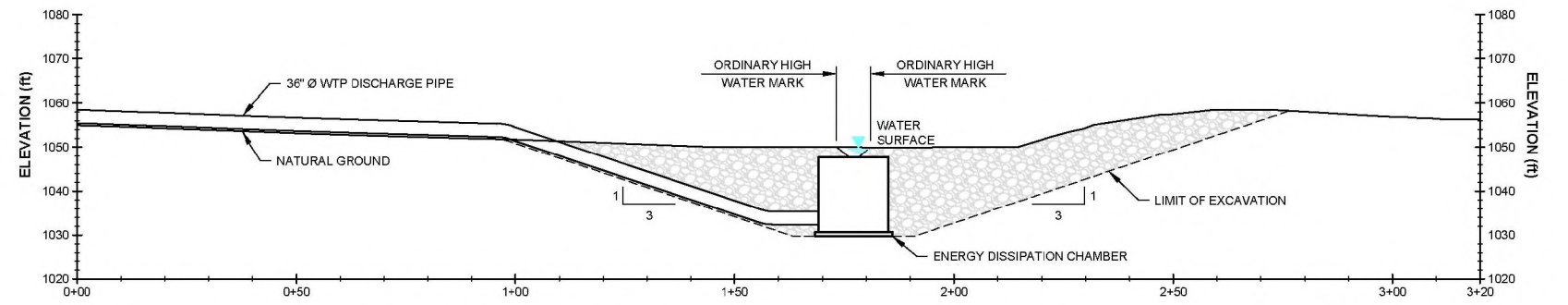
DETAIL
SEDIMENT POND EMBANKMENT, RISER PIPE AND DISCHARGE PIPE
SCALE C

PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

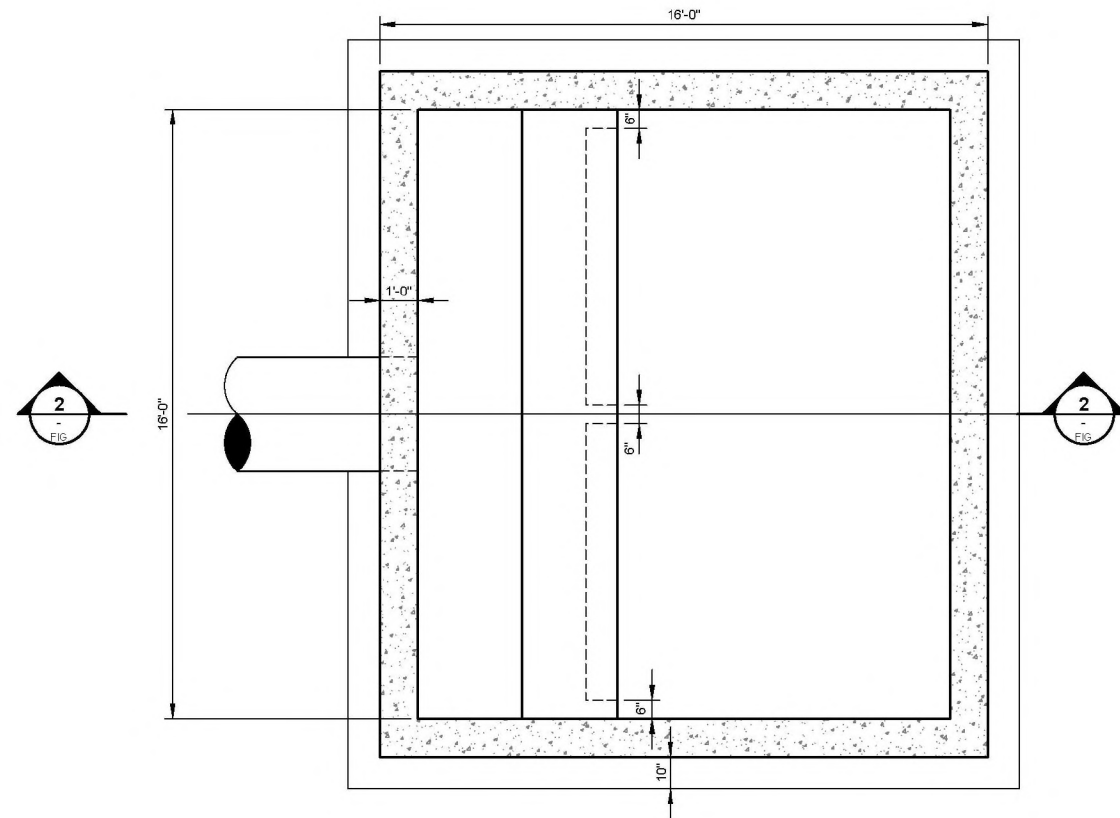
DRAWING TITLE:	
BULK TSF MAIN EMBANKMENT SEEPAGE COLLECTION POND AND SEDIMENT POND SECTION	
DATE: JUNE 2020	FIGURE NO. MX-013



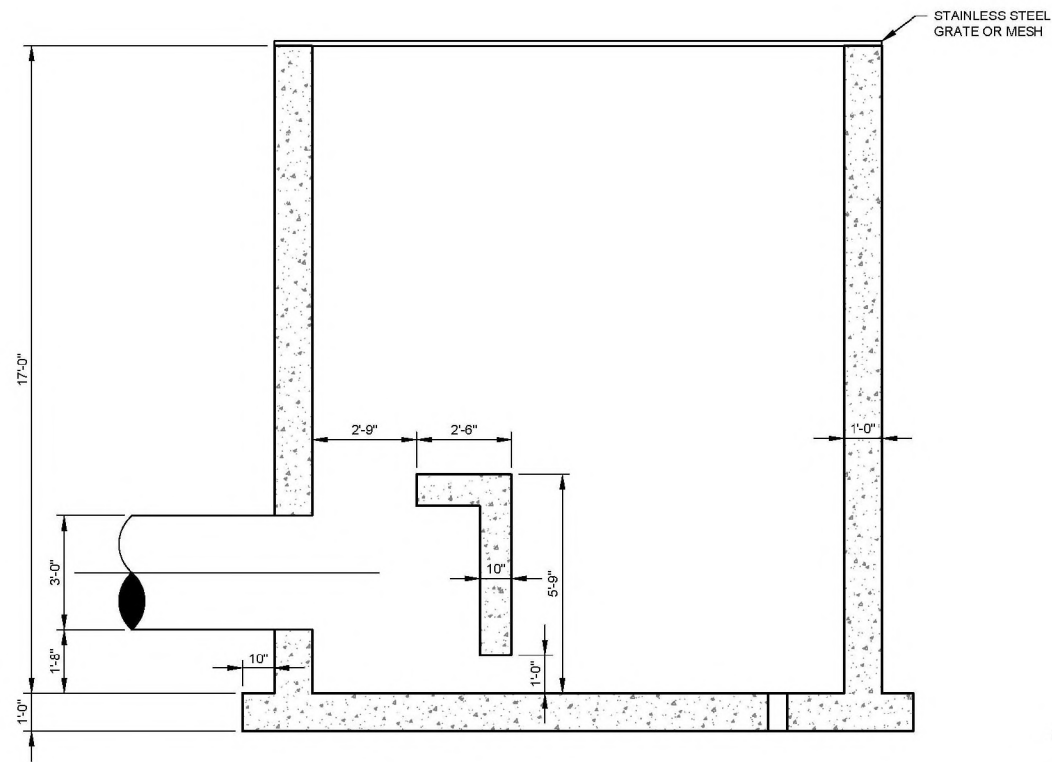
PLAN
NORTH FORK KOKTULI DISCHARGE LOCATION
SCALE A



1 SECTION
SCALE B



PLAN
ENERGY DISSIPATION CHAMBER
SCALE C



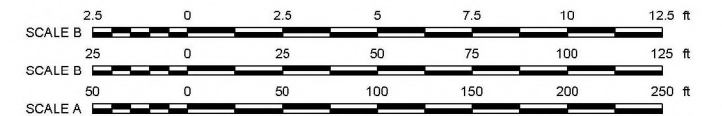
2 SECTION
SCALE C

LEGEND:

- REINFORCED CONCRETE
- SELECT GRAVELS
- LIMIT OF MINERAL CLOSING ORDER
- WETLANDS LIMITS
- STREAM
- WTP DISCHARGE PIPELINE

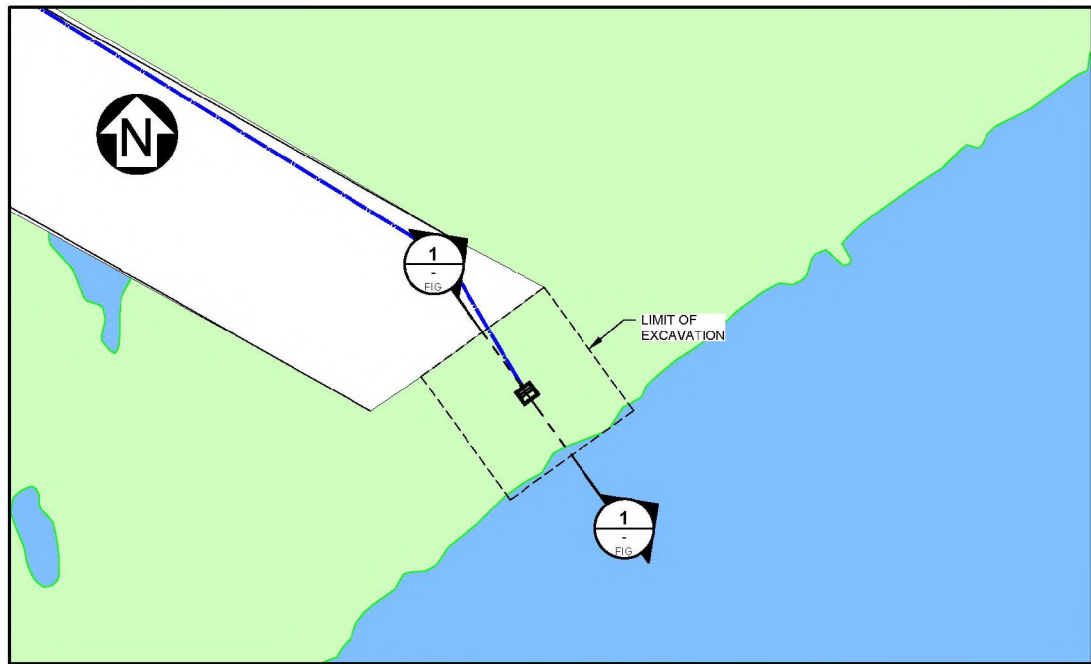
NOTES:

1. SURFACE FOOTPRINT OF EXCAVATION FOR CHAMBER IS APPROXIMATELY 140 ft x 140 ft.
2. THE SURFACE FOOTPRINT OF THE EXCAVATION CONSERVATIVELY ASSUMES THAT THE TOP OF THE CHAMBER IS 10 FT BELOW THE NATURAL GROUND SURFACE AND THERE IS A 5 FT CONSTRUCTION ALLOWANCE ON ALL SIDES OF THE CHAMBER.
3. DESIGN FLOW IS THE MAXIMUM TREATED WATER FLOW.

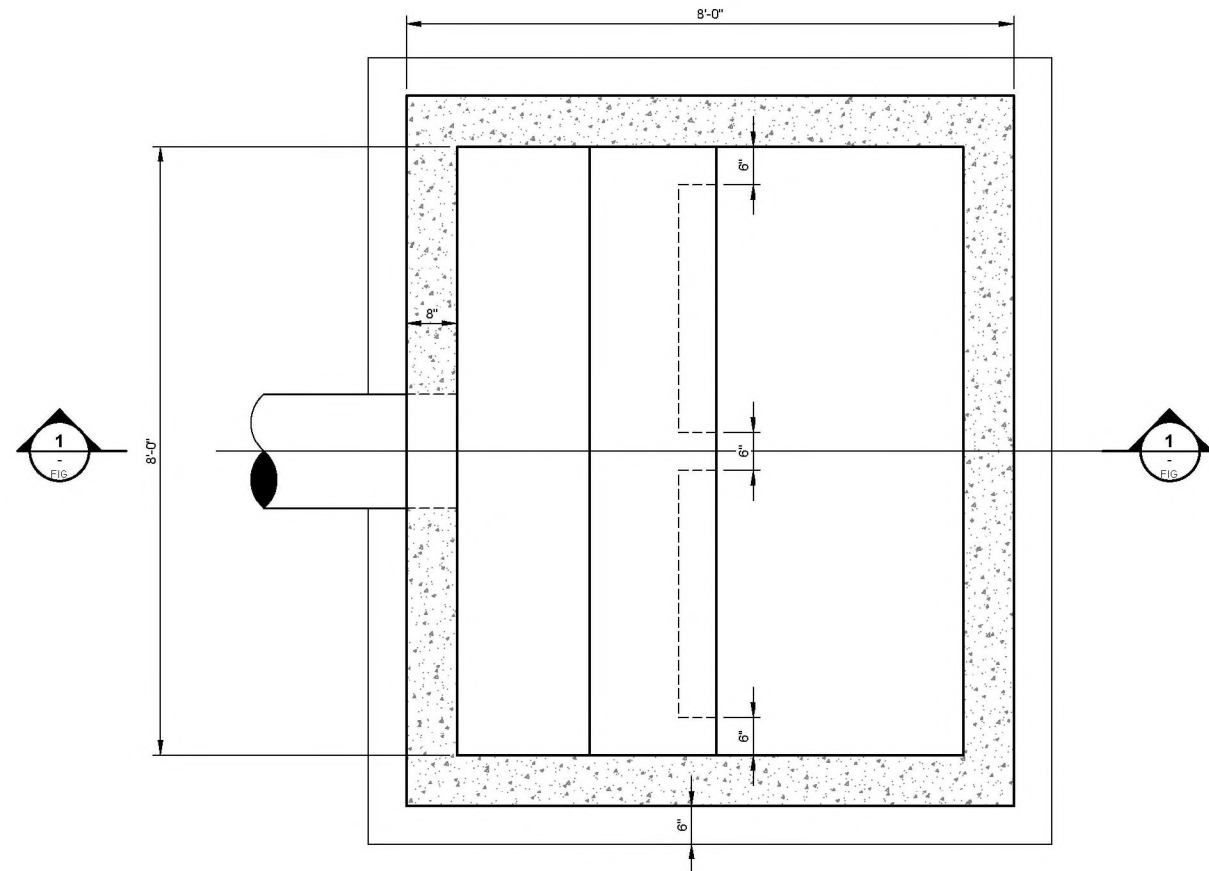


PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

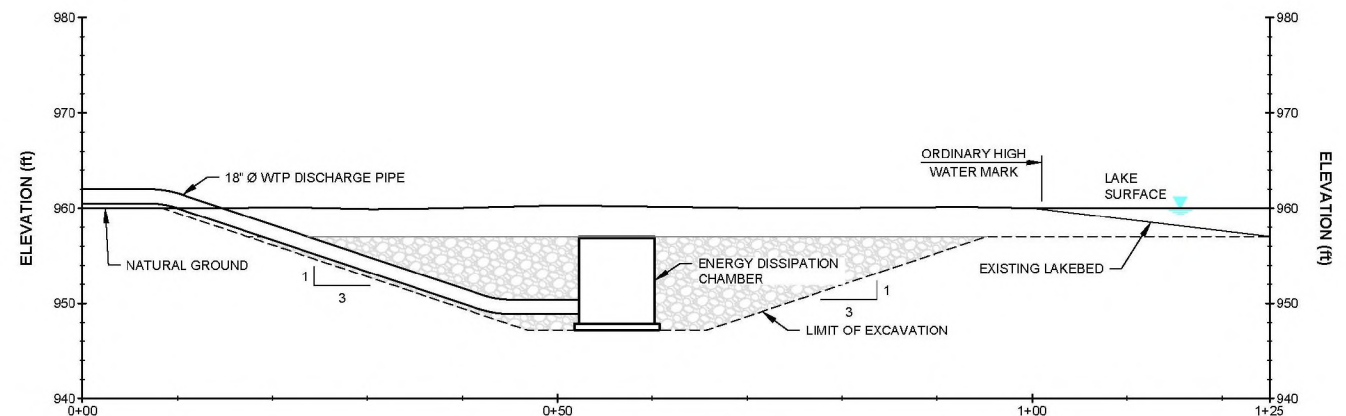
DRAWING TITLE:	
NORTH FORK KOKTULI CONCEPTUAL WTP DISCHARGE ENERGY DISSIPATION CHAMBER	
DATE: JUNE 2020	FIGURE NO. MX-014



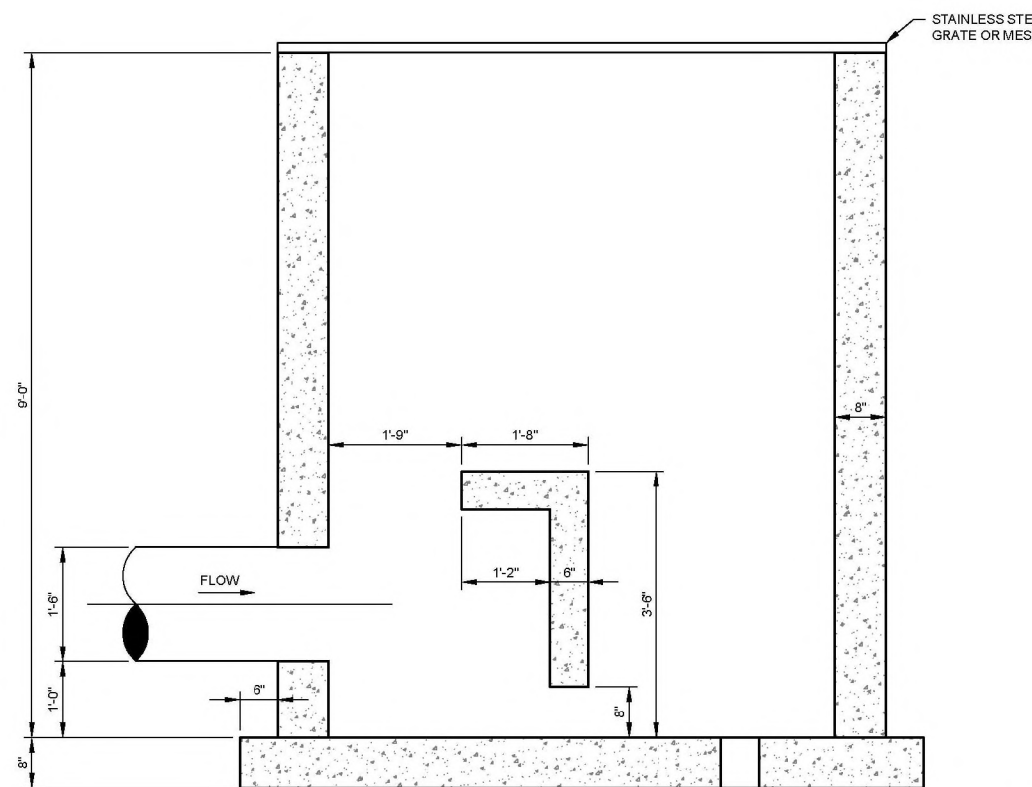
PLAN
SOUTH FORK KOKTULI DISCHARGE LOCATION
SCALE A



PLAN
ENERGY DISSIPATION CHAMBER
SCALE C



1 SECTION
SCALE B



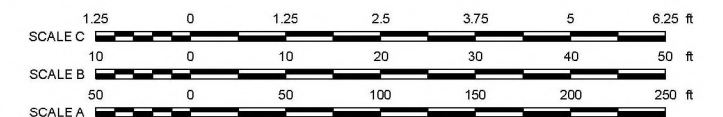
2 SECTION
SCALE C

LEGEND:

- REINFORCED CONCRETE
- SELECT GRAVEL
- LAKE
- WETLANDS
- WTP DISCHARGE PIPELINE

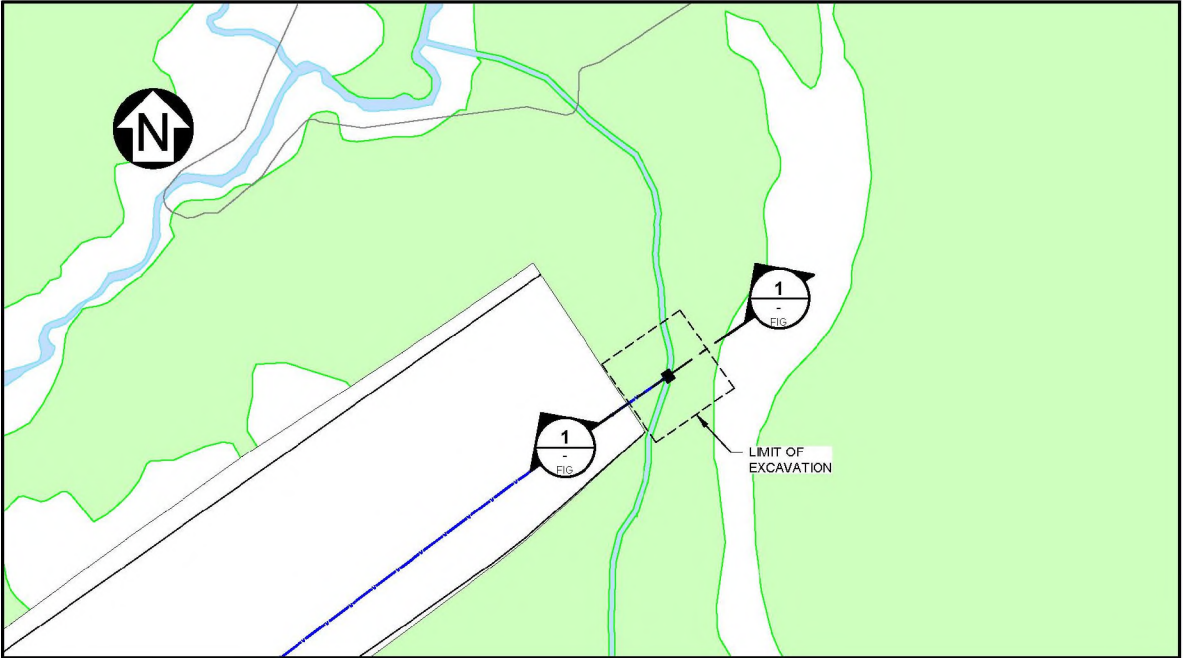
NOTES:

1. SURFACE FOOTPRINT OF EXCAVATION FOR CHAMBER IS APPROXIMATELY 80 ft x 80 ft.
2. THE SURFACE FOOTPRINT OF THE EXCAVATION CONSERVATIVELY ASSUMES THAT THE TOP OF THE CHAMBER IS 10 FT BELOW THE NATURAL GROUND SURFACE AND THERE IS A 5 FT CONSTRUCTION ALLOWANCE ON ALL SIDES OF THE CHAMBER.
3. DESIGN FLOW IS THE MAXIMUM TREATED WATER FLOW.

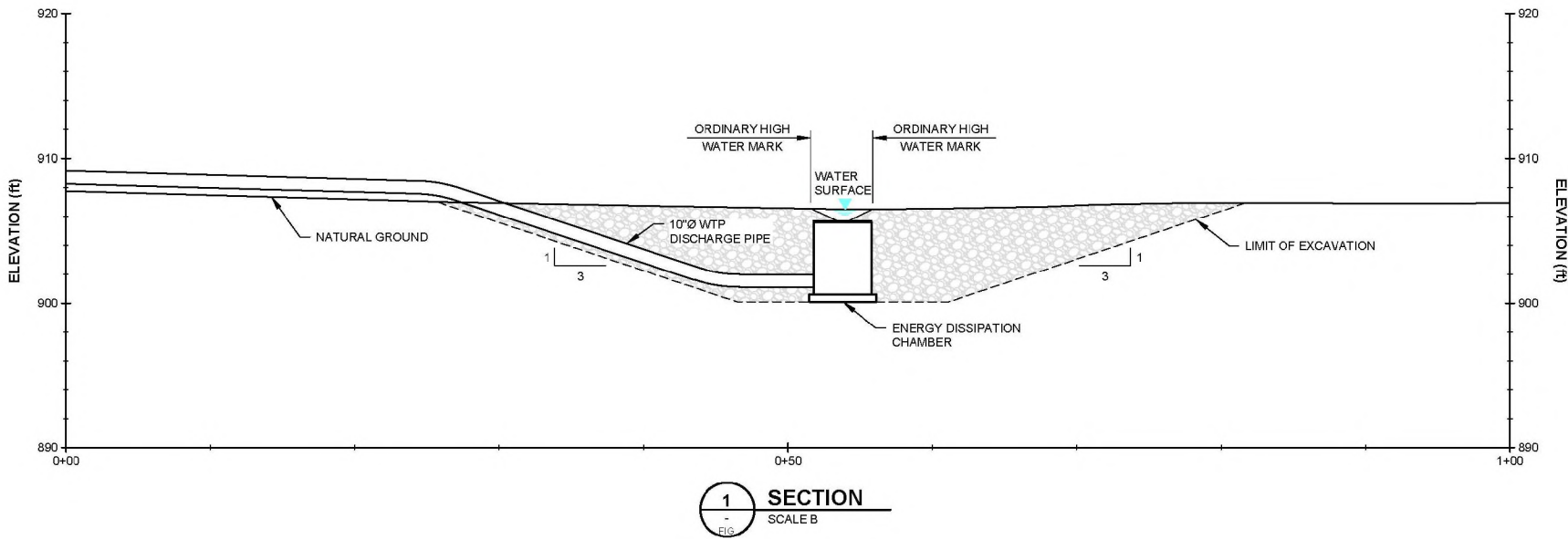


PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

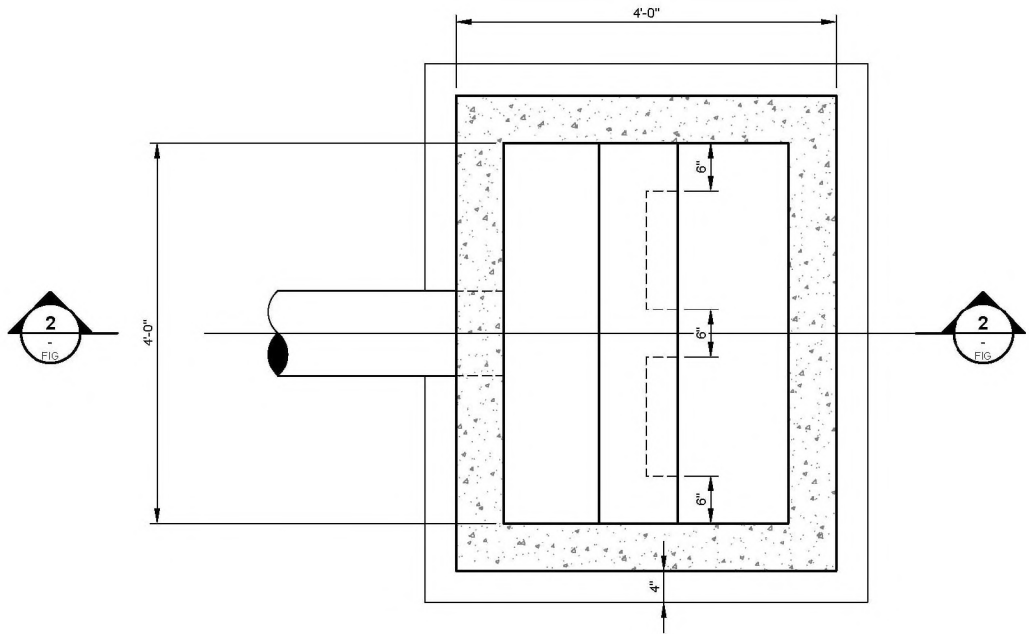
DRAWING TITLE:	
SOUTH FORK KOKTULI CONCEPTUAL WTP DISCHARGE ENERGY DISSIPATION CHAMBER	
DATE: JUNE 2020	FIGURE NO. MX-015



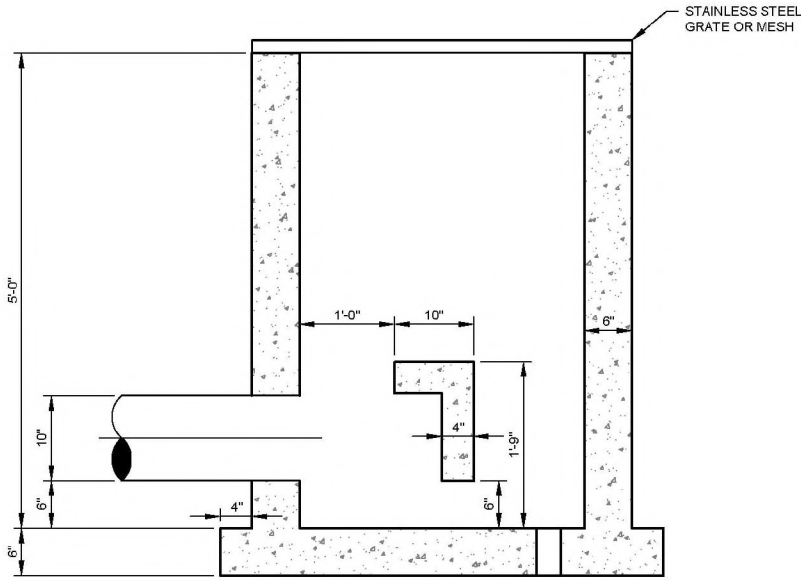
PLAN
UPPER TALARIK DISCHARGE LOCATION
SCALE A



1
FIG
SECTION
SCALE B



PLAN
ENERGY DISSIPATION CHAMBER
SCALE C



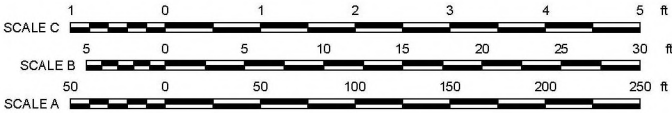
2
FIG
SECTION
SCALE C

LEGEND:

- REINFORCED CONCRETE
- SELECT GRAVELS
- WETLANDS LIMITS
- STREAM
- WTP DISCHARGE PIPELINE

NOTES:

- SURFACE FOOTPRINT OF EXCAVATION FOR CHAMBER IS APPROXIMATELY 50ft x 50 ft.
- THE SURFACE FOOTPRINT OF THE EXCAVATION CONSERVATIVELY ASSUMES THAT THE TOP OF THE CHAMBER IS 10 FT BELOW THE NATURAL GROUND SURFACE AND THERE IS A 5 FT CONSTRUCTION ALLOWANCE ON ALL SIDES OF THE CHAMBER.
- DESIGN FLOW IS THE MAXIMUM TREATED WATER FLOW.



PEBBLE PROJECT	
APPLICANT: PEBBLE LIMITED PARTNERSHIP	
LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: MINERAL DEVELOPMENT
WATERWAY: KOKTULI RIVER	FILE NO. POA-2017-271

DRAWING TITLE:	
UPPER TALARIK CONCEPTUAL WTP DISCHARGE ENERGY DISSIPATION CHAMBER	
DATE: JUNE 2020	FIGURE NO. MX-016